MADE IN CANADA FOR CANADIANS

Proven Canadian solutions trusted by Canada's leading health care operators

CAN HEALTH NETWORK

October 2026

WE BELIEVE IN CANADIANS

At the CAN Health Network, we believe in Canada's ability to solve the most pressing health care challenges. We are proud to be the first-ever collaboration of health care operators and innovators from coast-to-coast-to-coast working towards a common goal: accelerating the adoption of Canadian technology to improve patient care, support Canadian entrepreneurs and drive economic growth.

This book showcases a collection of proven, Canadian health care innovations that are ready for use. These solutions have been procured by leading health care operators in the Network, following successful CAN Health commercialization projects. We invite you to explore them, adopt them, and join us in building a stronger, more sustainable health care system.

Together, we can create better health and prosperity for all Canadians.

Sincerely,

Dr. Dante Morra
Founder & CEO
CAN Health Network

TABLE OF CONTENTS

CLINICAL DATA & DECISION MAKING 6

16Bit - Expanding Osteoporosis Screening Through Routine X-Rays
CANImmunize - Digitizing Immunization Records & Vaccination Tracking
EAPOC - Standardizing Asthma at the Point of Care
Kinovo Solutions - Optimizing Access to Care with Central Intake and Clinical Navigation
Myant Health - Modernizing Holter Monitoring with Wearable Textiles
PointClickCare - Creating Seamless Care Transitions
Signal 1 - AI-Driven Discharge Optimization
Verto - Streamlining Patient Consent & Communication
Vitr.ai - Using AI to Optimize & Expedite the 811 Call Triaging Process

CLINICAL SUPPLIES & DEVICES 16

AbClo/InventoRR MD - Cutting Costs by Achieving Primary Closures
ABLE Innovations - Enabling Safe, Single-Staff Lateral Transfers with Powered Automation
Clarius Mobile Health - Point-of-Care Ultrasound (PoCUS) for Long-Term Care
DeCell Technologies - Healing Wounds, Restoring Lives
FluidAI - Surgical Monitoring Platform
KA Imaging - Advancing Portable Imaging at the Bedside
Mimosa Diagnostics - Early Detection & Prevention of Pressure Injuries
MolecuLight - Enhancing Wound Care with Bacterial Detection
NanoTess - Advancing Wound Care Treatment
PolySense Solutions - Smarter Cold Storage Monitoring
PolyUnity - Innovation on Demand With 3D Printing
Stepscan - Advancing Fall Risk and Diabetic Foot Ulcer Prevention
SterileCare - Innovative Catheter Locking Solution
Traferox - Improving Donor Lung Utilization Before Transplant
Vena Medical - Providing Access to the Future of Stroke Treatment

OPERATIONS OPTIMIZATION 32

AlayaCare - Modernizing Home Care with Cloud-Based Innovation
CareWay by Medfar - AI Scribe for Clinical Documentation
Crede Technologies - Promoting Best Practices in Hand Hygiene
CyberCheck - Real-Time Cyber Threat Detection in Health Care
EmergConnect - Streamlining Emergency Triage with Digital Innovation

TABLE OF CONTENTS

OPERATIONS OPTIMIZATION 32

Expeflow - Digital Safety Incident Management System
InDroRobotics - Enabling Drone Delivery in Remote Communities
Jane App - Improving Administrative Workflows
Mutuo Health - Reduce Clinical Charting Time with Ai Scribe
Niuz - Improving Staff Communication in Long-Term Care
Populus - Transforming Clinical Data Management
ProcedureFlow - Enhancing Knowledge Management & Efficiency
Skip The Waiting Room - Optimizing Laboratory Appointment Scheduling
Tali AI - AI Scribe in Primary Care

VIRTUAL CARE & PATIENT ENGAGEMENT 47

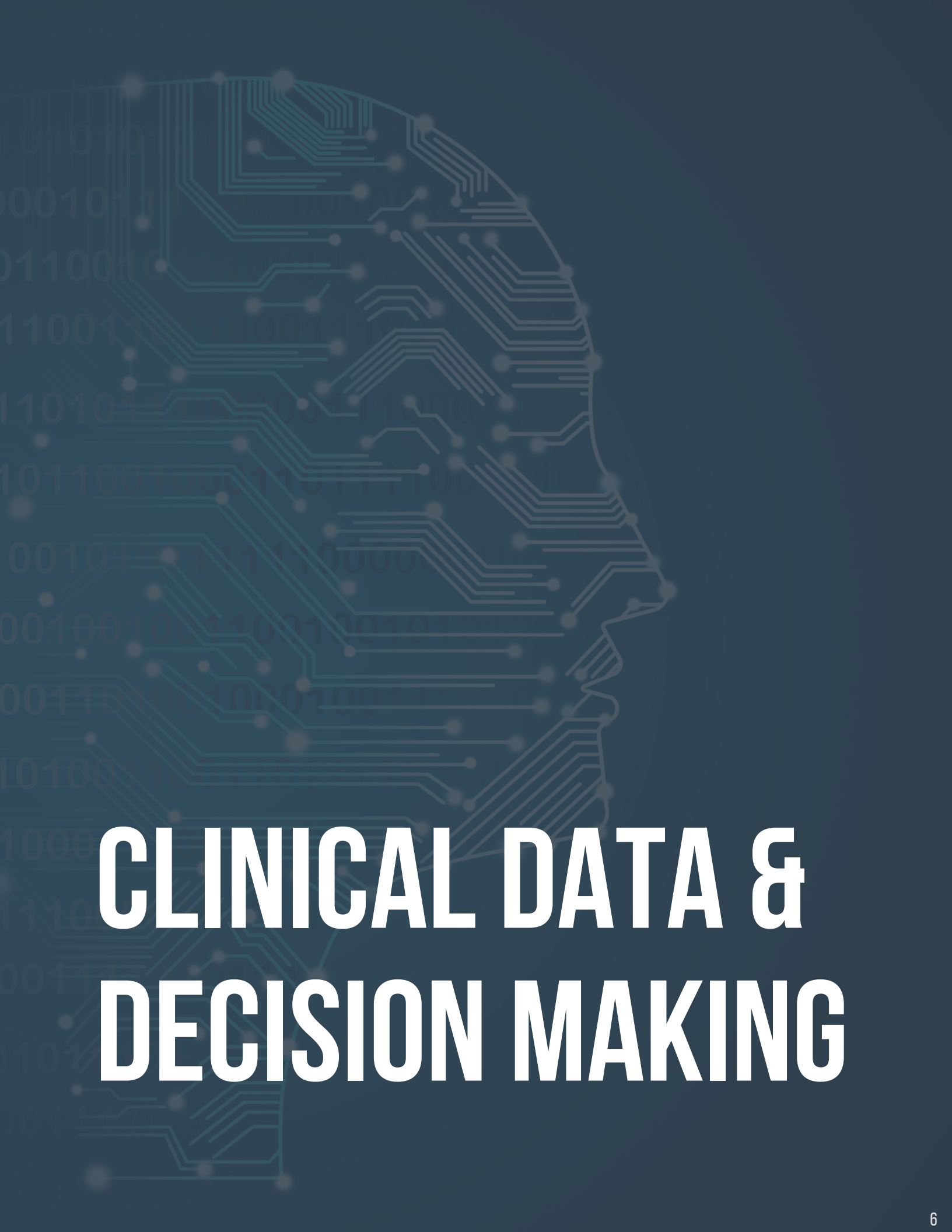
Careteam - Supporting Transitions from Hospital to Home
Data Communications Management (DCM) - Improving Hospital Communications with Digital Signage
DischargeHUB (Seafair) - Streamlining Discharge-to-Home Coordination
Josephine - Non-Intrusive Monitoring for Safer Aging at Home
Lime - Digitizing Patient Feedback for Better Care
Liminality Innovations - Helping NICU Infants Transition Home Sooner
Lingotec - Breaking Down Language Barriers with On-Demand Virtual Interpretation
Lumeto - Virtual Reality (VR) Simulation for Clinical Training
Luxsonic - Revolutionizing Radiology with Virtual Reality
ManagingLife - Enhancing Chronic Pain Management
Maple - Improving Patient Outcomes with Real-Time Virtual Care
PatientCompanion - Digital Nurse Call Bell System
RxFood - Streamlining Nutritional Assessments Through Photo-Based Logging
SeamlessMD - Empowering Patients Through their Care Journey
Tenera Care - Revolutionizing Nurse Call Systems with Smart Technology
Tenzr Health - Digitize Rehabilitation Plans with Real-Time Recovery Data
Virtual Hallway - Accelerating Specialist Access & Reducing Referral Wait Times
Welbi - Transforming Resident Experience in Senior Living
Zodiac Light Waves - Enhancing Communication and Quality of Care

TABLE OF CONTENTS

WORKFORCE & STAFFING

67

Andgo - Deploying Frontline Staff with the Click of a Button
BookJane - Solving Staff Shortages with Digital Management Platform
Blanc Labs - Streamlining Employee Transitions
Caribou - Boost Retention & Performance with Digital Recognition
Caring Support - Optimizing Health Care Hiring Processes
Guusto Gifts - Delivering Recognition, Driving Retention
MentorCity - Strengthening Nurse Retention Through Digital Mentorship
SolusGuard - Keeping Lone Health care Workers Safe with Connected Panic Technology



CLINICAL DATA & DECISION MAKING

EXPANDING OSTEOPOROSIS SCREENING THROUGH ROUTINE X-RAYS

16Bit develops artificial intelligence software for medical imaging, including Rho, which uses routine X-rays to identify patients at risk of low bone mineral density.

Company Headquarters: Toronto, Ontario

Project Edge: Sunnybrook Health Sciences Centre

Website: 16bit.ai

THE CHALLENGE

- Osteoporosis screening among eligible patients was approximately 22.9%, limiting timely identification of low bone mineral density.
- Barriers included the disease's silent nature, lack of clear triggers for clinical risk assessment, and reliance on patients having a provider to initiate screening.
- Sunnybrook needed a way to identify at-risk patients earlier using existing imaging workflows.

THE SOLUTION

- 16Bit implemented Rho, an artificial intelligence tool that analyzes routinely captured X-rays to identify patients likely to have low bone mineral density.
- Positive findings supported follow-up dual-energy X-ray absorptiometry (DXA) screening.
- When referral gaps emerged, Rho-positive reports were also sent to family physicians to support appropriate follow-up and improve conversion to DXA.

THE RESULTS

1,127
PATIENTS OPPORTUNISTICALLY SCREENED

7%+
DXA CONVERSION

81.3%
RADIOLOGIST ADOPTION REACHED

Procured by: Sunnybrook HEALTH SCIENCES CENTRE

DIGITIZING IMMUNIZATION RECORDS & VACCINATION TRACKING

CANImmunize

CANImmunize is a digital immunization management platform that helps health care organizations and individuals track, manage, and streamline vaccination records and campaigns.

Company Headquarters: Ottawa, Ontario

Project Edge: Bruyère Health

Website: canimmunize.ca

THE CHALLENGE

- Managing immunization records manually increases administrative workload and costs for hospitals and clinics.
- Paper-based tracking creates challenges in monitoring staff immunization rates and ensuring compliance.
- The need for scalable, digital solutions has grown, particularly with the demands of flu season and pandemic response.

THE SOLUTION

- CANImmunize's digital booking, consent forms, automated reporting, and integration with health systems reduces administrative burden and improves vaccination compliance.
- Enhances efficiency by eliminating paper-based processes, lowering costs, and increasing vaccination rates through streamlined workflows and easy record access.

THE RESULTS

2.2K

VACCINATIONS ADMINISTERED DURING THE PROJECT

20%

REDUCTION IN CLINIC HOURS AND STAFF COSTS

96%

STAFF SATISFACTION RATE

Procured by: Santé Bruyère Health, nova scotia health

STANDARDIZING ASTHMA CARE AT THE POINT OF CARE

Implemented the Electronic Asthma Management System (eAMS), a computerized clinical decision support system integrated into clinic workflows at St. Michael's Academic Family Health Team.

eAMS
The Electronic Asthma Management System

EAPOC develops point-of-care clinical decision support tools that integrate with electronic medical records to support evidence-based chronic disease management in clinics and pharmacies.

Company Headquarters: Toronto, Ontario

Project Edge: Unity Health Toronto

Website: easthma.ca

THE CHALLENGE

- Asthma care in primary care is often not aligned with evidence-based guidelines.
- Clinicians lack time and tools to consistently assess control, adjust therapy, provide written asthma action plans, and identify patients needing specialty referral.
- These gaps contribute to suboptimal asthma control and avoidable health system use, and asthma care can also drive avoidable greenhouse gas emissions.

THE SOLUTION

- Patients completed a short pre-visit questionnaire; the system generated guideline-based control assessment, medication recommendations, and a personalized asthma action plan for clinician review.
- The tool also supported environmentally conscious inhaler prescribing decisions.

THE RESULTS

95%

OF ELIGIBLE PRESCRIBERS COMPLETED EAMS QUESTIONNAIRE

86%

OF PROVIDERS WERE ABLE TO UNCOVER ONE OR MORE PATIENTS THAT WERE NOT ADHERENT TO THEIR PRESCRIBED ASTHMA MEDICATIONS

3.1-4.4

METRIC TONNES ANNUAL CO2E WERE SAVED BY CHANGES TO PRESCRIBED INHALERS

Procured by: UNITY HEALTH TORONTO

OPTIMIZING ACCESS TO CARE WITH CENTRAL INTAKE & CLINICAL NAVIGATION

kinovo SOLUTIONS

Kinovo Solutions focuses on improving patient outcomes and reducing clinical workloads by streamlining processes through automation and data analytics. Key features include automated referrals, CDS to ensure guideline-compliant referrals for cardiac catheterization, and pre-procedure checks to identify patient risks and prevent last-minute cancellations.

Company Headquarters: Dartmouth, Nova Scotia

Project Edge: Newfoundland and Labrador Health Services

Website: kinovosolutions.io

THE CHALLENGE

- Diseases and disorders, including cardiovascular disease, can lead to high hospitalization rates and treatment costs.
- A high volume of referrals, especially when using a paper-based system, can be an administrative burden and lead to inefficiencies in referral processing and delays in care.

THE SOLUTION

- Kinovo's myCardiacHealth is a digital referral and decision-support platform designed to optimize cardiac testing and treatment referrals.
- By automating processes and incorporating clinical decision support (CDS), it improves patient prioritization, streamlines workflows, and minimizes inappropriate service utilization.

THE RESULTS

586

HOURS

OF WORK SAVED PER YEAR BY AUTOMATING REFERRAL PROCESSING

53%

OF CATHETERIZATION REFERRALS AUTO-APPROVED

35%

OF REFERRALS REDIRECTED TO MORE APPROPRIATE TESTS

Procured by: NL Health Services

MODERNIZING HOLTER MONITORING WITH WEARABLE TEXTILES

MYANT HEALTH

Myant Health delivers a next-generation Holter monitoring solution using textile-based wearables to improve patient comfort, data quality, and efficiency. The platform enables longer monitoring, real-time data transmission, faster clinical reporting, and reduced costs.

Company Headquarters: Mississauga, Ontario

Project Edge: One Heart Care Inc.

Website: myant.ca

THE CHALLENGE

- Traditional Holters caused skin irritation, electrode detachment, and incomplete tests, reducing patient compliance and satisfaction.
- Manual setup, cleaning, and device returns created high operational costs and significant technician workload.
- Data access delays until device return slowed diagnosis and postponed time-sensitive clinical decisions.

THE SOLUTION

- Textile-based Holter eliminates adhesives and skin prep, improving comfort and reducing irritation.
- Real-time, secure data transmission enables faster analysis and earlier clinical intervention.
- Simplified workflows reduce preparation, cleaning time, and data editing for technicians and clinicians.

THE RESULTS

64.6%

REDUCTION IN OPERATING COSTS PER TEST

45%

REDUCTION IN SCAN AND REPORTING TIME

ZERO

SKIN IRRITATION, DOWN FROM 20% WITH TRADITIONAL HOLTERS

Procured by: One Heart Care

CREATING SEAMLESS CARE TRANSITIONS

AMPLIFI

PointClickCare®

PointClickCare provides cloud-based solutions to enhance care coordination, patient management and operational efficiency. Its goal is to reduce hospital readmissions, improve patient outcomes, and enable better decision making across the continuum of care.

Company Headquarters: Mississauga, Ontario

Project Edge: St. Joseph's Healthcare Hamilton

Website: pointclickcare.com

THE CHALLENGE

- Patient transfers between hospital and long-term care can be slow and inefficient when relying on paper-based resources.
- The lack of electronic medical record (EMR) interoperability delays access to critical patient information.
- Clinicians face increased administrative burden, spending significant time manually updating patient records.

THE SOLUTION

- PointClickCare is a cloud-based health care platform that helps long-term and post-acute care providers streamline operations, improve care coordination, and enhance patient outcomes.
- Integrating EMRs, data analytics and AI-driven insights enables real-time information sharing (medical history, medications, allergies) between providers.

The project's success laid the foundation for Project AMPLIFI - a province-wide initiative improving digital interoperability between hospitals and long-term care facilities to enhance care transitions and patient outcomes.

THE RESULTS

75% REPORTED MODERATE TO HIGH SATISFACTION WITH EASE AND TIMELINESS OF ACCESSING PATIENT DATA

75% INDICATED THE SOLUTION IMPROVED DECISION-MAKING AND REDUCED PATIENT SAFETY RISKS

Procured by: Ontario Ministry of Health St. Joseph's Healthcare Hamilton

AI-DRIVEN DISCHARGE OPTIMIZATION

Deeper Dive Presentation

SIGNAL 1

Signal 1 integrates AI-driven insights into hospital workflows to improve patient outcomes, enhance hospital efficiency, and reduce stress on front-line workers.

Company Headquarters: Toronto, Ontario

Project Edge: Trillium Health Partners

Website: signal1.ai

THE CHALLENGE

- Many admitted patients are staying in hospitals longer than necessary, leading to inefficiencies, capacity constraints, and delays in care.
- Lack of predictive tools and inefficient discharge planning prevent health care providers from identifying patients ready for discharge in a timely manner, limiting the optimal use of hospital resources and hindering patient flow.

THE SOLUTION

- Signal 1's AI-powered Discharge Prediction Tool uses real-time data to identify when patients are medically stable for discharge, enabling proactive planning and more efficient resource allocation.
- By categorizing patients as "Green" when they are ready for discharge, the technology enhances clinical workflows and supports interdisciplinary teams in coordinating timely and effective patient transitions.

THE RESULTS

397
BED DAYS
SAVED OVER A 3-MONTH PERIOD

12
HOURS
IMPROVEMENT OF AVERAGE TIME FROM "GREEN" TO DISCHARGE

4%
DECREASE
IN PATIENTS REMAINING IN HOSPITAL MORE THAN 6 DAYS AFTER "GREEN" SIGNAL

Procured by: Trillium Health Partners, UNITY HEALTH TORONTO, NL Health Services, nova scotia health, NORTH YORK GENERAL Here for life.

STREAMLINING PATIENT CONSENT & COMMUNICATION

MOHAWK MEDBUY

VERTO

Verto is a digital health company that leverages AI-enabled digital twin technology to help health care systems automate administrative tasks, enhance patient access to care, and manage population health data more effectively.

Company Headquarters: Toronto, Ontario

Project Edge: Unity Health

Website: verto.health

THE CHALLENGE

- Many health care organizations lack a consolidated platform to collect and manage patient consent information, including consent for communication via phone, email, and other digital formats.
- This results in inconsistencies, inefficiencies, and fragmentation, such as storing consent data across multiple systems, requiring patients to provide consent repeatedly, and limiting patient ability to manage their own consent preferences.

THE SOLUTION

- The Verto Digital Twin is a dynamic, data-driven virtual model that integrates real-time patient information from multiple health care systems using automation and machine learning.
- It creates a comprehensive, continuously updated patient profile, ensuring seamless data exchange, improving care coordination, and supporting patient consent management across health care organizations.

THE RESULTS

- **IMPROVED PATIENT SATISFACTION, REDUCING REPEATED CONSENT REQUESTS**
- **STANDARDIZED ENTERPRISE-WIDE CONSENT POLICY, ENABLING FUTURE SCALABILITY ACROSS ORGANIZATIONS**
- **STREAMLINED ADMINISTRATIVE WORKFLOWS, DECREASING STAFF BURDEN**
- **ONE-TIME CONSENT CAPTURE IMPLEMENTED, ELIMINATING REPETITIVE REQUESTS FOR PATIENTS**

Procured by: Trillium Health Partners, UNITY HEALTH TORONTO, Sunnybrook HEALTH SCIENCES CENTRE, fraserhealth

USING AI TO OPTIMIZE AND EXPEDITE THE 811 CALL TRIAGING PROCESS

VITR.AI

Vitr.ai is a Quebec-born company whose mission is to get the most out of every medical appointment through AI-powered patient navigation.

Company Headquarters: Granby, Quebec

Project Edge: CIUSSS du Centre-Ouest-de-l'Île-de-Montréal

Website: vitr.ai

Deeper Dive Presentation

THE CHALLENGE

- During the winter season, a surge in flu-like and gastroenteritis cases leads to a significant increase in calls to Info-Santé (811) and emergency room (ER) visits.
- This demand exceeds the workforce's capacity (largely due to nursing shortages), resulting in high call abandonment rates, long wait times, and a redirection of patients to overcrowded ERs.

THE SOLUTION

- Vitr.ai's Navig software is a user-friendly tool that streamlines processes by directing patients to the right professional at the right time without requiring a nurse's involvement.
- The system's AI ensures accurate redirection tailored for the patient, improving both efficiency and patient satisfaction.

THE RESULTS

AVERAGE WAIT TIMES DROPPED BY

42

MINUTES (FROM 55 TO 13 MINUTES)

17%

INCREASE IN DAILY NUMBER OF CALLS

CALL DURATION DROPPED BY

21

MINUTES (FROM 27 TO 6 MINUTES)

Procured by: Santé Québec

CLINICAL SUPPLIES & DEVICES

REDUCING COSTS BY ACHIEVING PRIMARY CLOSURES

AbClo
Abdominal Fascia Closure Device

MD InventorrMD

InventoRR MD's flagship product, the Abdominal Fascia Closure Device (AbClo) is a non-invasive abdominal closure system designed to assist surgeons in achieving primary closure of intentionally left-open abdomen cases.

Company Headquarters: Toronto, Ontario

Project Edge: Unity Health Toronto

Website: abclomedical.com

THE CHALLENGE

- Traditional methods of fascia closure often come with a higher risk of infection, complications, and extended recovery times.
- Patients failing to achieve primary closure can experience higher complication rates (3x), higher length of hospital stay (6x), and higher number of surgical procedures (2x).

THE SOLUTION

- AbClo is a non-invasive abdominal fascial closure device designed to promote early and aggressive closure of open abdomens by applying consistent, uniform, and distributed appositional force to prevent retraction of the abdominal muscles.

THE RESULTS

100%

CLOSURE RATE
(62% HISTORICAL AVG.)

10 DAYS

MINIMUM SHORTENED LENGTH OF STAY

$427K

ESTIMATED ANNUAL HARD GOOD SAVINGS (IF IMPLEMENTED PERMANENTLY)

Procured by: Alberta Health Services, UNITY HEALTH TORONTO

ENABLING SAFE, SINGLE-STAFF LATERAL TRANSFERS WITH POWERED AUTOMATION

Deeper Dive Presentation

Able Innovations

ABLE Innovations' ALTA Platform automates lateral patient transfers, reducing physical strain, staffing requirements, and workplace injuries. Designed for high-demand clinical environments, ALTA enables safe, consistent, single-operator transfers without ceiling lifts or manual handling, improving safety, efficiency, and patient comfort across imaging, trauma, and acute care workflows.

Company Headquarters: Toronto, Ontario

Project Edge: Nova Scotia Health & Vancouver Coastal Health (VCH)

Website: ableinnovations.com

THE CHALLENGE

- Manual slider boards and ceiling lifts were often unsafe, impractical, or contraindicated for many patient transfers.
- High-force manual transfers caused musculoskeletal injuries and required large staffing teams during shortages.
- Staff lacked a safe alternative when lifts couldn't be used, leading to unsafe workarounds and workflow disruptions.

THE SOLUTION

- ALTA automates powered lateral transfers, allowing safe single-operator moves without pushing, pulling, or lifting.
- Eliminates high-risk body mechanics by removing bending, reaching, and forceful maneuvering during transfers.
- Integrates into imaging workflows to reduce staff interruptions and improve efficiency across sending and receiving units.

THE RESULTS

1.6
STAFF SAVED PER TRANSFER COMPARED WITH MANUAL SLIDER BOARDS

70%
OF PATIENTS PREFERRED ALTA OVER CEILING LIFTS OR SLIDER BOARDS

100%
OF ALTA TRANSFERS COMPLETED SAFELY, WITH ZERO STAFF INJURIES REPORTED

55%
REDUCTION IN STAFF INTERRUPTIONS DURING ROUTINE WORKFLOWS.

Procured by: Vancouver CoastalHealth, nova scotia health

POINT-OF-CARE ULTRASOUND (POCUS) FOR LONG-TERM CARE

clarius

Clarius Mobile Health's handheld portable ultrasound offers high definition ultrasound at the bedside, reducing ER transfers and providing faster diagnosis.

Company Headquarters: Vancouver, British Columbia

Project Edge: Vancouver Coastal Health

Website: clarius.com

THE CHALLENGE

- 2% of Vancouver Coastal Health Long Term Care (LTC) residents had 4+ ER visits, linked to higher mortality and poorer outcomes.
- Repeated transfers cause emotional and physical strain on residents.
- Up to 30% of ER admissions could be assessed in LTC with PoCUS, reducing transfers, complications, and costs.

THE SOLUTION

- Clarius PoCUS lets LTC clinicians perform early on-site ultrasounds for faster, accurate diagnosis of bladder, skin, and vascular issues.
- Versatile probes with secure cloud storage ensure privacy, compliance, and broad clinical use.

THE RESULTS

- **75+ BEDSIDE SCANS COMPLETED ACROSS 5 LTC HOMES, REDUCING PREVENTABLE ER TRANSFERS, IMPROVING OUTCOMES, AND ENSURING TIMELY TREATMENT.**
- **PROVIDERS NOTED STRONG USABILITY FEATURES INCLUDING IMAGING QUALITY, SIZE AND PORTABILITY.**

Procured by: Vancouver CoastalHealth

HEALING WOUNDS, RESTORING LIVES

Deeper Dive Presentation

DeCell Technologies

DeCell – DermGEN™, a patented human dermal matrix that accelerates healing of diabetic foot ulcers, reduces amputations, improves quality of life, and lowers health care costs.

Company Headquarters: Halifax, Nova Scotia

Project Edge: Nova Scotia Health

Website: decelltechnologies.com

THE CHALLENGE

- 15–25% of diabetics develop chronic foot ulcers, many progressing to costly amputations.
- Current standard care has a chance of healing only 50% of Diabetic Foot Ulcers (DFUs) after 12 weeks, leaving high risk.
- Nova Scotia Health spends $35M annually treating DFUs, with over 220 patients requiring a lower limb amputation each year.

THE SOLUTION

- DermGEN™ promotes >80% healing success in DFUs, with average closure within four weeks.
- Integrated into Halifax Infirmary's Leg Ulcer Clinic with minimal workflow disruption.
- Structured training enhanced clinician adoption, improving application techniques and patient adherence.

THE RESULTS

- PREVENTION OF ANTICIPATED AMPUTATIONS DURING PROJECT.
- FASTER WOUND CLOSURE AND SIGNIFICANT ACCELERATION OF HEALING OBSERVED.
- STRONG PATIENT SATISFACTION: IMPROVED ADHERENCE, QUALITY OF LIFE, AND RENEWED HOPE.
- HIGH CLINICIAN SATISFACTION WITH EASE OF USE AND OUTCOMES.
- PROJECTED $12M ANNUAL SAVINGS FROM REDUCED HOSPITALIZATIONS, ER VISITS, AND AMPUTATIONS.

Procured by: nova scotia health

SURGICAL MONITORING PLATFORM

Deeper Dive Presentation

FluidAI

FluidAI develops AI-driven surgical monitoring tools that detect and predict anastomotic leaks, reducing complications, improving patient outcomes, and enabling earlier interventions across diverse hospital settings.

Company Headquarters: Waterloo, Ontario

Project Edge: Unity Health Toronto

Website: fluidai.md

THE CHALLENGE

- Anastomotic leaks occur in 2.8–30% of abdominal surgeries, causing severe morbidity and mortality.
- Detection relies on clinical symptoms that appear after complications escalate.
- Leaks increase ICU stays, reoperations, readmissions, costs, and reduce patients' quality of life.

THE SOLUTION

- Stream Care, an AI-enabled device that detects early signs of anastomotic leaks.
- Tailored sensitivity settings to balance prediction accuracy with definitive detection.
- Integration into surgical workflows for real-time monitoring and intervention.

THE RESULTS

ANASTOMOTIC LEAKS DETECTED WITHIN

48 HOURS

OF SURGERY AND WELL BEFORE SYMPTOMS EMERGE, LEADING TO FASTER CLINICAL INTERVENTION

29%

REDUCTION IN LENGTH OF STAY FOR ANASTOMOTIC LEAK PATIENTS (FROM 7 TO 5 DAYS)

Procured by: Hamilton Health Sciences, UNITY HEALTH TORONTO, WRHN Waterloo Regional Health Network

ADVANCING PORTABLE IMAGING AT THE BEDSIDE

Available on Supply Ontario VoR

Deeper Dive Presentation

KA IMAGING™

KA Imaging's Reveal Mobi Pro delivers high-quality, dual-energy bedside X-rays in one exposure, producing three diagnostic images to enhance accuracy, safety, and patient care.

Company Headquarters: Waterloo, Ontario

Project Edge: Waterloo Regional Health Network (WRHN)

Website: www.kaimaging.com

THE CHALLENGE

- WRHN sought an advanced portable imaging solution to serve diverse clinical environments such as ICU, ED, OR, and general wards.
- Conventional mobile X-ray systems require multiple exposures or offer limited image detail, increasing radiation dose and potential for motion artifacts.
- Imaging teams needed a solution that could improve diagnostic confidence while maintaining portability and workflow efficiency.

THE SOLUTION

- Delivers dual-energy subtraction images (bone and soft tissue) using a single exposure, reducing dose and eliminating motion artifacts.
- Fully motorized, portable unit with collapsible column design for improved bedside maneuverability.
- Integrated SDR detector provides high image quality with real-time, multi-layer output.
- Seamlessly connects to hospital IT systems and PACS for streamlined integration.

THE RESULTS

- **REMOVES MOTION ARTIFACTS, IMPROVING IMAGE QUALITY IN ICU AND ER.**
- **ENABLES FASTER DIAGNOSIS AND FEWER REPEAT SCANS.**

20x
REDUCED RADIATION DOSE TO THE PATIENT

37%
DECREASE IN FOLLOW-UP CT SCANS FOR ICU PATIENTS

Procured by: UHN Canada's Hospital, WRHN Waterloo Regional Health Network

EARLY DETECTION & PREVENTION OF PRESSURE INJURIES

Deeper Dive Presentation

MIMOSA

Mimosa Diagnostics develops MIMOSA Pro, a handheld imaging device capturing oximetry, temperature, and digital images in under one second, enabling earlier detection and monitoring of pressure injuries across diverse patient populations.

Company Headquarters: Toronto, Ontario

Project Edge: Hamilton Health Sciences

Website: mimosadiagnostics.com

THE CHALLENGE

- Pressure injuries remain a major patient safety issue, especially in pediatric and adult populations.
- Current skin assessments are biased toward pale skin, missing early signs in darker skin tones.
- Late detection leads to severe ulcers, preventable harm, and higher health care costs.

THE SOLUTION

- MIMOSA Pro captures non-invasive images for rapid tissue assessment in less than one second.
- Device integrates with Braden Scales for pediatric and adult patients across multiple hospital units.
- Web portal allows clinicians to monitor changes, collaborate, and intervene earlier in patient care.

THE RESULTS

- **ADULTS: MIMOSA PRO SPECIFICITY 91% VS. BRADEN SCALE 40%, REDUCING UNNECESSARY INTERVENTIONS.**
- **COST DATA: PRESSURE INJURY CASES ARE 7.6X MORE EXPENSIVE THAN PREVENTION**
- **HUMAN FACTORS ANALYSIS: DEVICE IS INTUITIVE, EASY TO LEARN**

Procured by: Hamilton Health Sciences | UNITY HEALTH TORONTO Caring hearts. Leading minds.

IMPROVING WOUND CARE THROUGH BACTERIAL DETECTION

MolecuLight®

MolecuLight Inc. provides fluorescence-based imaging technology for wound care management, enabling real-time, AI-powered detection of bacterial loads to enhance treatment decisions, reduce infection risks, and improve patient outcomes.

Company Headquarters: Toronto, Ontario

Project Edge: Sunnybrook Health Sciences Centre

Website: moleculight.com

THE CHALLENGE

- Wound care inefficiencies contribute to increased health care costs, prolonged hospital stays, and adverse patient outcomes such as sepsis and amputation.
- Standard wound assessment methods lack real-time bacterial detection, often requiring lab testing that delays treatment.

THE SOLUTION

- MolecuLight Inc. enables real-time visualization of bacterial burden in wounds using fluorescence imaging, providing immediate diagnostic insights.
- It also allows for point-of-care wound measurement and imaging across various care settings while supporting remote wound care consultations by transmitting images to specialists for evaluation and treatment recommendations.

THE RESULTS

NEW BACTERIAL BURDEN INFORMATION WAS IDENTIFIED IN

35%

OF ASSESSED WOUNDS

70%

INCREASED DETECTION OF ELEVATED BACTERIAL LOADS

36%

OF TREATMENT PLANS CHANGED BASED ON IMAGING FINDINGS

Procured by: SickKids Sunnybrook HEALTH SCIENCES CENTRE

ADVANCING WOUND CARE TREATMENT

MOHAWK MEDBUY

HEALTHPRO CANADA

MSS MEDICAL, SURGICAL & SAFETY SUPPLIES

NANOTESS CATALYTIC SOLUTIONS

NanoTess is a material science company leveraging nanotechnology to develop advanced health care solutions, with a focus on wound healing. Its flagship product, NanoSALV, accelerates healing, reduces infections, and improves outcomes for chronic wounds such as pressure injuries, venous leg ulcers, and diabetic foot ulcers.

Company Headquarters: Calgary, Alberta

Project Edge: Alberta Health Services

Website: nanotess.com

THE CHALLENGE

- Chronic wounds and pressure injuries pose significant burdens on patients and health care systems.
- Existing wound care treatments often require prolonged use, leading to high costs and extended recovery times.

THE SOLUTION

- NanoTess' product, NanoSALV Catalytic, is a wound care gel designed to accelerate healing and reduce infections.
- It's designed to treat various types of wounds, including chronic wounds like diabetic foot ulcers, venous leg ulcers, and pressure injuries, as well as minor burns and skin irritations.

THE RESULTS

46%

DECREASE IN WOUND CARE COSTS

56%

FASTER RATE IN WOUND HEALING

1/3

OF WOUNDS HEALED AT LEAST 80% WITHIN 4 WEEKS

Procured by: Alberta Health Services, Emmanuel Health (A Catholic Health Organization), WRHN Waterloo Regional Health Network, Shannex, Trillium Health Partners, Shoppers Drug Mart, Horizon Health Network, nova scotia health

SMARTER COLD STORAGE MONITORING

Deeper Dive Presentation

PolySense Solutions™

PolySense Solutions provides intelligent, cloud-based environmental monitoring technologies that improve compliance, reduce operational burden, and preserve high-value assets across health care and research environments.

Company Headquarters: Winnipeg, Manitoba

Project Edge: Shared Health Manitoba

Website: polysensesolutions.com

THE CHALLENGE

- Hospitals often lack centralized monitoring for refrigerated assets, putting critical materials at risk and increasing staff workload, compliance challenges, and maintenance delays.

THE SOLUTION

- PolySense offers a cloud-based, equipment-agnostic platform that monitors key environmental parameters across refrigerated research equipment.
- The system provides real-time alerts, centralizes asset management, automates calibration and maintenance scheduling, and delivers robust reporting.

THE RESULTS

- **IMPROVED INTEGRITY OF CRITICAL RESEARCH SPECIMENS THROUGH CONTINUOUS MONITORING.**
- **STRENGTHENED COMPLIANCE WITH REGULATORY STANDARDS THROUGH RELIABLE DATA CAPTURE.**
- **REDUCED STAFFING TIME AND OPERATIONAL COSTS BY AUTOMATING MONITORING TASKS.**
- **STREAMLINED WORKFLOWS AND DOCUMENTATION ACROSS FACILITIES.**

Procured by: Shared health Soins communs Manitoba

INNOVATION ON DEMAND WITH 3D PRINTING

Deeper Dive Presentation

PolyUnity

PolyUnity Tech Inc. is a health-tech company that uses digital design, digital inventory and additive manufacturing (e.g. localized 3D printing technology) to improve the efficiency of supply chain processes.

Company Headquarters: St. John's, Newfoundland & Labrador

Project Edge: Newfoundland and Labrador Health Services

Website: polyunity.com

THE CHALLENGE

- Health care organizations across the country face challenges with product availability, supply chain disruption, and administrative burdens associated with procurement.
- Additionally, equipment and service availability has led to an impact on patient care, and high costs for replacement medical devices and parts.

THE SOLUTION

- PolyUnity's solution offers 3D printing, design services, and access to a growing online marketplace of 3D printable parts, which are approved and validated by partner health care organizations.
- Health care organizations can design, access, and produce what they need on demand - reducing the cost and complexity of procurement, building supply chain resilience, and reducing emissions.

THE RESULTS

96%
REDUCTION IN PROCUREMENT ADMINISTRATION, INVENTORY, AND SHIPPING COSTS

$108K
IN COST SAVINGS FROM REDUCED EQUIPMENT DOWNTIME

110
NOVEL HEALTH CARE PRODUCTS CREATED

Procured by: CHEO, Horizon Health Network, NL Health Services

ADVANCING FALL RISK AND DIABETIC FOOT ULCER PREVENTION

stepscan®

Stepscan Technologies specializes in innovative products for gait analysis and monitoring.

Company Headquarters: Charlottetown, PEI

Project Edge: Health PEI

Website: stepscan.com

THE CHALLENGE

- Falls are a major public health concern among older adults, particularly those with diabetes, yet traditional fall risk assessments rely on paper surveys and subjective evaluations, leading to inconsistent results.
- Diabetic foot ulcers (DFUs) are a leading cause of lower limb amputations, making timely detection and prevention strategies essential for improving patient outcomes.

THE SOLUTION

- The Stepscan® System is a pressure-sensitive electronic floor tile paired with advanced software that captures and analyzes mobility and balance patterns as individuals move across it.
- Made of interlocking tiles, it offers a customizable, expandable platform, allowing configurations from a single tile to a full floor.
- The system provides detailed insights into gait and posture, aiding in the early detection of mobility issues and improving patient care and rehabilitation outcomes.

THE RESULTS

FALL RISK ASSESSMENT TIME REDUCED BY

28%

50%

REDUCTION IN NEW DIABETIC FOOT ULCERS AMONG REASSESSED PARTICIPANTS

73%

OF PATIENTS IDENTIFIED AS AT-RISK FOR FALLS, COMPARED TO 20% USING TRADITIONAL METHODS

Procured by: Health PEI

INNOVATIVE CATHETER LOCKING SOLUTION

Available on Supply Ontario VoR

MOHAWK MEDBUY

SterileCare

SterileCare Inc. specializes in innovative, non-antibiotic antimicrobial solutions to prevent infections and complications in vascular access devices.

Company Headquarters: Markham, Ontario

Project Edge: Hamilton Health Sciences

Website: sterilecareinc.com

Deeper Dive Presentation

THE CHALLENGE

- Central-line associated bloodstream infections (CLABSIs) are a major cause of morbidity and increased hospital expenses, while catheter occlusions lead to treatment delays and complications.

THE SOLUTION

- SterileCare's flagship product, KiteLock™ 4%, reduces the risk of central-line associated bloodstream infections (CLABSIs), prevents catheter occlusions, and eliminates biofilm buildup, leading to fewer complications and better patient outcomes.

THE RESULTS

$43,260

COST SAVINGS IN AVOIDABLE HEALTH CARE COSTS IN HEMATOLOGY-ONCOLOGY UNITS DUE TO CLABSI REDUCTIONS

88%

OF SURVEYED PATIENTS REPORTED A POSITIVE OR NEUTRAL EXPERIENCE WITH KITELOCK

59%

REDUCTION IN CLABSI INCIDENTS IN HEMATOLOGY-ONCOLOGY UNITS

Procured by: Hamilton Health Sciences, SickKids, fraserhealth, CHEO

IMPROVING DONOR LUNG UTILIZATION BEFORE TRANSPLANT

Deeper Dive Presentation

TRAFEROX

Traferox Technologies Inc. develops advanced organ preservation and perfusion systems to improve assessment, utilization, and outcomes in solid organ transplantation.

Company Headquarters: Mississauga, Ontario

Project Edge: Centre hospitalier de l'Université de Montréal (CHUM)

Website: traferox.com

THE CHALLENGE

- Lung transplantation is constrained by limited availability of high-quality donor lungs and difficulty assessing marginal organs prior to implantation.
- Reliance on static cold storage at four degrees Celsius prevents functional evaluation during preservation.
- As a result, potentially transplantable lungs are declined, contributing to lower utilization rates, longer wait times, and ongoing pressure on transplant programs.

THE SOLUTION

- The ToxEx Lung Perfusion System was implemented to enable ex vivo lung perfusion for functional assessment and optimization before transplantation.
- The system allowed clinicians to evaluate marginal lungs under physiologic conditions and support recovery prior to implantation.
- This approach expanded the usable donor pool, supported clinical decision-making, and integrated into existing lung transplant workflows at the project site.

THE RESULTS

77%

OF ASSESSED LUNGS SUCCESSFULLY TRANSPLANTED

- **HIGH CLINICIAN SATISFACTION WITH SETUP AND WORKFLOW**
- **POSITIVE POST-TRANSPLANT PATIENT OUTCOMES OBSERVED**

Procured by: CHUM Centre hospitalier de l'Université de Montréal · UHN Canada's Hospital

PROVIDING ACCESS TO THE FUTURE OF STROKE TREATMENT

Vena Medical

Vena Medical's Balloon Distal Access Catheter (BDAC) and MicroAngioscope (MA) devices improve clot retrieval, provide real-time imaging, and enhance stroke treatment precision, efficiency, and patient outcomes.

Company Headquarters: Kitchener, Ontario

Project Edge: Fraser Health Authority

Website: venamed.ca

THE CHALLENGE

- Stroke is Canada's third leading cause of death, with 89,000 cases annually and 878,000 people living with its effects.
- Thrombectomy often struggles with first-pass effectiveness (FPE), causing incomplete clot removal, longer procedures, and worse outcomes.
- Current tools lack direct vessel visualization, hindering accurate diagnosis and targeted stroke treatment.

THE SOLUTION

- Enhances FPE in thrombectomy procedures by improving clot retrieval efficiency. Demonstrated increases in FPE from 15-40% to 60%, with better 90-day outcomes and higher rates of functional independence.
- Provides real-time, high-resolution, color imaging for direct endovascular visualization of blood vessels, enabling precise diagnosis and targeted interventions not possible with conventional fluoroscopy.

THE RESULTS

- **IMPROVED OUTCOMES: ALL PATIENTS ACHIEVED TICI 2C/3 RECANALIZATION; BDAC REACHED OCCLUSIONS MORE EFFECTIVELY THAN OTHER TREATMENTS.**
- **EFFICIENCY: BDAC REDUCED DEVICE USE, SHORTENED PROCEDURES, AND LOWERED HOSPITAL STAYS.**
- **SAFETY & USABILITY: NO COMPLICATIONS REPORTED; PHYSICIANS FOUND BDAC EASY TO USE.**

Procured by: Hamilton Health Sciences fraserhealth

OPERATIONS OPTIMIZATION

MODERNIZING HOME CARE WITH CLOUD-BASED INNOVATION

AlayaCare

AlayaCare is a cloud-based home care software provider that offers an end-to-end platform for home and community care organizations.

Company Headquarters: Montréal, Québec

Project Edge: SE Health

Website: alayacare.com

THE CHALLENGE

- The current home care model is outdated, transaction-based, and lacks efficiency.
- The complexity of manual scheduling contributes to high staff turnover.
- Patients face fragmented care, limited access to their health data, and rigid scheduling.
- Home care providers lack interoperable digital platforms that seamlessly connect with health systems.

THE SOLUTION

- AlayaCare is an end-to-end cloud-based solution that includes EHR, scheduling, billing, and workforce management to optimize home health care.
- It also offers remote patient monitoring, telehealth, predictive analytics, and patient/family portals to support seamless care coordination and paperless, outcome-based care models that enhance efficiency and patient outcomes.

THE RESULTS

- **ENHANCED STAFF SATISFACTION - NO STAFF RESIGNATIONS DURING PROJECT COMPARED TO USUAL 32% TURNOVER RATE**
- **MAINTAINED COMPASSIONATE CARE WHILE TECHNOLOGY IMPROVED EFFICIENCY**
- **POSITIVE PATIENT AND FAMILY FEEDBACK**
- **STAFF UNANIMOUSLY REPORTED A PREFERENCE FOR ALAYACARE OVER PREVIOUS SYSTEMS**

AI SCRIBE FOR CLINICAL DOCUMENTATION

Deeper Dive Presentation

CareWay BY MEDFAR

CareWay is an AI-powered medical scribe that records clinical consultations, automatically generates accurate medical notes and documents, integrates with EMRs, and reduces clinicians' administrative workload while ensuring Canadian privacy compliance.

Company Headquarters: Montréal, Quebec

Project Edge: Santé Québec Montérégie-Ouest

Website: careway.ai/en

THE CHALLENGE

- High administrative burden on health care professionals
- Fragmented documentation across multiple formats and systems
- Reduced clinician-patient interaction due to the administrative burden of note-taking

THE SOLUTION

- Reduces the time spent on clinical documentation
- Decreases the administrative burden on health care professionals
- Improves documentation quality by minimizing information loss and reducing errors

THE RESULTS

55%

OF CLINICIANS REPORT THAT AI-GENERATED NOTES MEET OR EXCEED EXPECTATIONS FOR QUALITY

UP TO 68%

REDUCTION IN DOCUMENTATION TIME

74%

OF PATIENTS REPORT IMPROVED CLINICIAN INTERACTIONS WITH AI SCRIBE USE

Procured by: Santé Québec

PROMOTING BEST PRACTICES IN HAND HYGIENE

Crede Technologies

Crede Technologies Inc. is dedicated to specialized custom software development for the health care industry, with an emphasis on auditing and monitoring tools to improve quality and patient safety in acute, residential, and community settings.

Company Headquarters: Vancouver, British Columbia

Project Edge: Saskatchewan Health Authority

Website: credetechnologies.com

THE CHALLENGE

- Hand hygiene is one of the most important interventions in preventing the spread of health care associated infections and preventing unexpected deaths.
- Hand hygiene auditing and data collection methods vary across regions, making it difficult to identify appropriate education, training, and improvement opportunities.

THE SOLUTION

- Crede's Hand Hygiene auditing platform enables health organizations to directly observe staff compliance with hand hygiene protocols.
- The tool provides users with high-quality, standardized data across multiple sites, improving timeliness and reporting accuracy by making audits immediately available upon completion and capturing factors that influence hand hygiene, including poor technique and reasons for missed compliance.

THE RESULTS

100%

REDUCTION IN TIME SPENT BY IPAC TO MANUALLY INPUT, ANALYZE AND DISTRIBUTE DATA

$200K

IN HEALTH SYSTEM SAVINGS

DOUBLED

THE NUMBER OF HAND HYGIENE DATA POINTS TRACKED WITH THIS SOLUTION

Procured by: Alberta Health Services, Health PEI, NL Health Services, vitalité, fraserhealth, Horizon, Saskatchewan Health Authority, Vancouver CoastalHealth

REAL-TIME CYBER THREAT DETECTION IN HEALTH CARE

cybercheck

CyberCheck provides proactive threat detection and dark web intelligence monitoring. Its platform identifies security vulnerabilities by tracking surface, deep, and dark web threats, allowing organizations to mitigate risks before breaches occur.

Company Headquarters: Fredericton, New Brunswick

Project Edge: Horizon Health Network

Website: cybercheck.ai

THE CHALLENGE

- Cyberattacks on health care systems threaten patient safety and hospital operations.
- Ransomware can shut down systems, delaying critical care, and data breaches expose patients to identity theft and fraud.
- Traditional security measures are insufficient, as cyber criminals use advanced tactics like phishing and social engineering to infiltrate systems.

THE SOLUTION

- CyberCheck enhances cyber resilience for critical sectors like health care by providing real-time alerts and risk profiling, ensuring organizations can swiftly respond to emerging threats.
- Its automated risk notification system delivers immediate alerts upon threat detection, while dashboard visibility tools offer on-demand insights into dark web exposures, helping to establish incident response protocols and improve reaction times and communication strategies.

THE RESULTS

100%

OF VALIDATED ALERTS LED TO A RESPONSE

<30 SECONDS

OPERATIONAL RESPONSE TIME

IDENTIFIED AND PREVENTED ACTIVE THREATS BEFORE THEY COULD IMPACT THE ORGANIZATION

Procured by: Horizon

STREAMLINING EMERGENCY TRIAGE WITH DIGITAL INNOVATION

Deeper Dive Presentation

EMERGCONNECT

EmergConnect enables patients to self-register and complete triage before reaching the nurse, reducing emergency department (ED) wait times, easing staff workload, and improving culturally safe, patient-centered care, all without requiring additional human resources.

Company Headquarters: Thornhill, Ontario

Project Edge: West Haldimand General Hospital

Website: emergconnect.ca

THE CHALLENGE

- Long ED wait times (2+ hours) due to staffing shortages and manual triage processes.
- Nurses overburdened with administrative work, limiting time for patient care.
- Indigenous patients faced cultural and communication barriers in accessing equitable triage services.

THE SOLUTION

- Digital self-registration and triage integrated with eCTAS for seamless workflow.
- Culturally safe interface supporting transparency and inclusivity for Indigenous patients.
- Enables nurses to focus on clinical priorities while improving overall patient flow and satisfaction.

THE RESULTS

89%
OF STAFF RATED SATISFACTION AS NEUTRAL TO VERY SATISFIED.

93%
OF PATIENTS REPORTED A POSITIVE EXPERIENCE.

78%
OF NURSES REPORTED LOWER ADMINISTRATIVE WORKLOAD.

27-50%
REDUCTION IN TRIAGE TIME (EXCEEDING 10% GOAL).

Procured by: WEST HALDIMAND GENERAL HOSPITAL

DIGITAL SAFETY INCIDENT MANAGEMENT SYSTEM

Deeper Dive Presentation

Expeflow provides a secure, no-code cloud platform for health care and service providers to manage complex workflows, automate tasks, and streamline processes like incident reporting and claims management.

Company Headquarters: Waterloo, Ontario

Project Edge: CASA Mental Health

Website: expeflow.com

THE CHALLENGE

- Manual incident reporting systems can involve multiple forms and follow-up steps, leading to delays, inconsistencies in data tracking, and difficulties in maintaining comprehensive records.
- These limitations contribute to gaps in reporting and make it challenging to identify trends and implement preventive measures.

THE SOLUTION

- Expeflow enables organizations to streamline complex, cross-enterprise operations with customizable and scalable solutions.
- Its platform automates document-intensive workflows, improving accuracy, efficiency, and reducing administrative burdens.
- Key capabilities include duplicate report grouping, root cause analysis, and regulatory auditing, allowing for a more structured and efficient approach to incident management.

THE RESULTS

INCIDENT REPORTS SUBMITTED WITHIN **24 HOURS**

COMPARED TO 3-5 DAYS PREVIOUSLY

CORRECTIVE ACTION TAKEN WITHIN **15 DAYS** **OF THE INCIDENT**

Procured by: CASA Mental Health

ENABLING DRONE DELIVERY IN REMOTE COMMUNITIES

InDro Robotics develops and operates autonomous robots and drones for complex data collection, surveillance, logistics, and delivery applications.

Company Headquarters: Sidney, British Columbia

Project Edge: First Nations Health Authority

Website: indrorobotics.ca

Deeper Dive Presentation

THE CHALLENGE

- Rural and remote First Nation communities face delays receiving medications, diagnostic samples, and essential health supplies.
- Limited local data on weather, connectivity, and airspace increases reconnaissance costs, regulatory uncertainty, and operational risk when planning drone delivery routes.

THE SOLUTION

- InDro Robotics developed a community-based data beacon that captures local environmental, connectivity, and airspace conditions.
- The project included First Nations engagement, Transport Canada design input, and preliminary cold-region testing to support safer flight planning and future drone delivery operations.

THE RESULTS

- **BEACON DEVELOPMENT COMPLETED TO MEET FUTURE REGULATORY REQUIREMENTS FROM NAV CANADA**
- **THE DRONE TRANSPORT INITIATIVE PURCHASED 3 BEACONS AND IS CONTINUING RESEARCH INTO DRONE TRANSPORTATION IN THE COMING YEARS**
- **THE BEACON IS RECEIVING INTEREST FROM OTHER SECTORS: SOVEREIGNTY & DEFENCE AND WILDFIRE MANAGEMENT**

Procured by: First Nations Health Authority
Health through wellness

IMPROVING ADMINISTRATIVE WORKFLOWS

Jane Software Inc.'s Jane App is an all-in-one health and wellness practice management platform designed to be helpful no matter how or where you practice. Jane App streamlines appointment scheduling, reminders and patient intake forms, improving workflow and reducing administrative burden.

Company Headquarters: Vancouver, British Columbia

Project Edge: Vancouver Coastal Health

Website: jane.app

THE CHALLENGE

- Outdated administrative systems in ambulatory and community clinics, combined with EMR systems that lack scheduling and reminder functionality, contribute to high rates of missed appointments and last-minute cancellations.
- As a result, clinic staff face a significant administrative workload, further straining already stretched health care resources.

THE SOLUTION

- Jane App streamlines automated scheduling and reminders across seven ambulatory and community programs, allowing patients to book, cancel, and reschedule appointments online, which reduces phone calls and administrative workload.
- It also offers customizable intake, pre-assessment, and consent forms while integrating seamlessly with patient communication.

THE RESULTS

53%
DECREASE IN MENTAL HEALTH COUNSELLING NO-SHOWS

258
TOTAL HOURS SAVED IN STAFF TIME

97%
PATIENT SATISFACTION WITH THE PLATFORM

Procured by: HEALTH | ONE · Trillium Health Partners · Vancouver CoastalHealth

REDUCE CLINICAL CHARTING TIME WITH AN AI SCRIBE

Available on Supply Ontario VoR

Mutuo Health provides an artificial intelligence (AI) scribe that transcribes clinician–patient encounters and generates clinical notes in real time to reduce documentation workload.

Company Headquarters: Toronto, Ontario

Project Edge: Horizon Health Network

Website: mutuohealth.com

THE CHALLENGE

- Emergency Department and primary care teams faced high documentation burden from typing/dictation and, in some settings, paper-based charting.
- Handwritten notes could be incomplete or illegible, creating risk to information continuity between providers.

THE SOLUTION

- Implemented Mutuo Health's AutoScribe to record clinical encounters and generate real-time electronic medical notes for review and upload to hospital information systems.
- Evaluated use with primary care providers and allied health professionals across multiple practices over six months, alongside an emergency department stream.
- Supported adoption with templates, onboarding, and bilingual encounter capabilities (including French-to-English translation).

THE RESULTS

2 MINUTES

SAVED PER EMERGENCY ASSESSMENT

- IMPROVED PRIMARY CARE DOCUMENTATION QUALITY AND RECORD KEEPING
- DECREASED PHYSICIAN ADMINISTRATIVE BURDEN

Procured by: Horizon

IMPROVING STAFF COMMUNICATION IN LONG-TERM CARE

Niuz provides a mobile communication platform that helps senior living and long-term care organizations share updates, recognize staff, conduct surveys and centralize resources.

Company Headquarters: Toronto, Ontario

Project Edge: Bruyère Health

Website: niuz.com

THE CHALLENGE

- Long-term care homes relied on printed memos and posters that were difficult to update and offered no way to confirm staff received information.
- Corporate email and intranet options were cost-prohibitive, while staff email uptake was poor.
- The organization needed an accessible, centralized location for policies and timely operational updates.

THE SOLUTION

- Niuz was implemented as a cloud-based mobile app for staff communication, surveys, recognition and centralized access to policies and resources.
- Staff could use personal devices or generic accounts on nursing station computers without the need for corporate email accounts

THE RESULTS

96%

OF ROSEDALE RESPONDENTS LIKED USING NIUZ

89%

REPORTED IMPROVED COMMUNICATION AT ROSEDALE

88%

OF MCCORMICK USERS FOUND NIUZ EASY TO USE

Procured by: McCormick Care Group Advancing Dementia Care · Rosedale Home for Special Care

TRANSFORMING CLINICAL DATA MANAGEMENT

Populus

Populus Global Solutions specializes in secure data management solutions that enable clinical research, program development, and health care innovation through improved data accessibility and analytics.

Company Headquarters: Fredericton, New Brunswick

Project Edge: Horizon Health Network

Website: populusplus.com

THE CHALLENGE

- Fragmented patient data across medical and laboratory records limits accessibility for clinical surveillance, research, and program development.
- There is a critical need for a standardized, secure, and scalable data management system, with improved data aggregation, to enhance decision-making in patient care.

THE SOLUTION

- Nonte is a user-friendly software platform to help researchers manage laboratory and clinical data more efficiently.
- Replaces traditional spreadsheets with a system that reduces errors, speeds up data entry, and keeps information secure.
- Enter multiple samples at once, search across different projects, and view detailed information including history and related data.

THE RESULTS

50%

OF ELIGIBLE PATIENTS INTEGRATED INTO THE RESEARCH REGISTRY

- IMPROVED ABILITY TO CAPTURE AND AGGREGATE PATIENT-LEVEL DATA FOR DECISION-MAKING
- ENHANCED CAPACITY FOR CLINICAL RESEARCH AND QUALITY IMPROVEMENT INITIATIVES
- INCREASED SELF-SERVICE ACCESS TO CRITICAL RESEARCH DATA

Procured by: Horizon

ENHANCING KNOWLEDGE MANAGEMENT & EFFICIENCY

Deeper Dive Presentation

procedureflow

ProcedureFlow is a knowledge-sharing platform designed to help companies visualize and navigate processes more effectively.

Company Headquarters: Saint John, New Brunswick

Project Edge: Horizon Health Network

Website: procedureflow.com

THE CHALLENGE

- Many organizational processes are undocumented, difficult to find, or inconsistent across teams.
- The absence of a standardized system leads to confusion, reduced efficiency, compliance risks, and the loss of intellectual property when employees leave with undocumented knowledge.

THE SOLUTION

- ProcedureFlow simplifies complex processes by transforming traditional procedures into visual, interactive, and easy-to-follow workflows, enhancing efficiency and reducing training time.
- Its intuitive design improves knowledge retention and decision-making, enabling organizations to streamline operations and maintain consistency across teams.

THE RESULTS

24.9%

REDUCTION IN HR INQUIRIES

79.5%

EMPLOYEE SATISFACTION WITH ONBOARDING

60%

DECREASE IN TIME SPENT CREATING AND MAINTAINING PROCESSES

Procured by: Réseau de santé Horizon Health Network

OPTIMIZING LABORATORY APPOINTMENT SCHEDULING

SKIP THE WAITING ROOM

Skip the Waiting Room specializes in digital appointment scheduling solutions that enhance patient access, reduce administrative burden, and improve operational efficiency in health care settings.

Company Headquarters: Charlottetown, PEI

Project Edge: Health PEI & Horizon Health Network

Website: skipthewaitingroom.com

THE CHALLENGE

- Many laboratory service locations rely on phone-based and walk-in appointments.
- As a result, patients may struggle to schedule, reschedule, or cancel appointments, leading to declining patient satisfaction and increased stress on laboratory staff.

THE SOLUTION

- Skip the Waiting Room is an online and phone-based appointment scheduling platform that enables patients to book, modify, and receive reminders for lab appointments to reduce call volume and streamline administrative processes.
- The platform is customizable for different lab locations, test types, and notification needs, enhancing operational efficiency and patient convenience.

THE RESULTS

55%

OVERALL REDUCTION IN CALL VOLUME ACROSS LAB SITES

98%

OF PATIENTS FOUND THE SYSTEM EFFICIENT AND EASY TO USE

80%

OF HEALTH CARE PARTNERS REPORTED HIGH SATISFACTION WITH THE SYSTEM

Procured by: Health PEI Horizon Health Network

AI SCRIBE IN PRIMARY CARE

Available on Supply Ontario VoR

Tali

Tali AI provides artificial intelligence-enabled clinical documentation software that transcribes patient visits and supports note creation for health care providers.

Company Headquarters: Toronto, Ontario

Project Edge: HealthOne

Website: tali.ai

THE CHALLENGE

- Primary care physicians face substantial administrative demands from patient documentation.
- HealthOne sought to reduce documentation burden and improve physician experience while maintaining quality of care.

THE SOLUTION

- Tali AI was deployed across HealthOne's three medical clinics
- Physicians used the artificial intelligence scribe during patient appointments to generate transcribed clinical notes.
- Implementation included onboarding, consent forms, physician support and troubleshooting, with the solution integrated into HealthOne's electronic medical record workflow.

THE RESULTS

75%

OF USERS SAVED AT LEAST 3 MINUTES PER APPOINTMENT

- **REDUCED PHYSICIAN ADMINISTRATIVE BURDEN AND MENTAL LOAD**
- **POSITIVE PHYSICIAN EXPERIENCE WITH ACCURACY AND USABILITY**

Procured by: HEALTH | ONE

VIRTUAL CARE & PATIENT ENGAGEMENT

SUPPORTING TRANSITIONS FROM HOSPITAL TO HOME

Deeper Dive Presentation

careteam

Careteam's digital platform enables seamless communication and care coordination between hospitals, community partners, caregivers, and patients across the entire care journey. The platform is built to support transitions in care by offering a centralized space for action plans, secure messaging, resource sharing, and e-referrals.

Company Headquarters: Vancouver, British Columbia

Project Edge: Bruyère Health

Website: getcareteam.com

THE CHALLENGE

- Patients, families, and care teams lacked a unified way to communicate and coordinate care as individuals moved from hospital to home, leading to gaps in information and fragmented service delivery.
- Limited integration between providers and systems makes referrals, follow-ups, and shared planning difficult to manage.

THE SOLUTION

- Careteam gives patients and care teams access to shared, customizable care plans that include tasks, appointments, assessments, and goals all in one place.
- The platform enables secure messaging and integration with key EMR, referral and documentation systems, creating a bridge between hospitals, community services, and caregivers.

THE RESULTS

84%
OF PATIENTS FELT MORE CONNECTED TO THEIR CARE TEAM

5.2
HEALTH TEAM MEMBERS PER ACTION PLAN (ON AVERAGE)

8729+
ACTION PLAN VISITS BY CLINICIANS

Procured by: Santé Bruyère Health, Sinai Health, Health, Trillium Health Partners Better Together, Provincial Health Services Authority

IMPROVING HOSPITAL COMMUNICATIONS WITH DIGITAL SIGNAGE

DCM™
SURPRISINGLY SIMPLE

Data Communications Management (DCM) offers mobile digital signage with an easy-to-use content management system (CMS), enabling real-time messaging across hospital campuses.

Company Headquarters: Burlington, Ontario

Project Edge: Trillium Health Partners

Website: datacm.com

Deeper Dive Presentation

THE CHALLENGE

- There was a lack of unified communication across sites. Trillium Health Partners struggled to communicate consistently and effectively with staff across its multiple hospital campuses.
- A communication tool was needed that could be deployed quickly, updated in real-time, and repositioned easily throughout the hospital.

THE SOLUTION

- Digital, lightweight, mobile and durable, signs that can be easily moved and placed in high-traffic areas to maximize visibility.
- Real-Time Content Management System. The CMS allows staff to push updates and tailor messaging instantly across all signs, keeping communication fresh and targeted.
- Signs include QR codes that link staff directly to the IHS platform, driving interaction and supporting app adoption.

THE RESULTS

+300%

INCREASE IN WEB TRAFFIC FROM QR CODE SCREEN DISPLAY

2500+

EMPLOYEES REACHED WITHIN FIRST THREE WEEKS OF DEPLOYMENT

Procured by: Trillium Health Partners Better Together · Saskatchewan Health Authority · Alberta Health Services

STREAMLINING DISCHARGE-TO-HOME COORDINATION

Deeper Dive Presentation

DischargeHUB

SEAFAIR

Seafair Capital develops DischargeHUB, a managed service and technology platform that centralizes discharge-to-home coordination across hospital and community care.

Company Headquarters: St. John's, Newfoundland and Labrador

Project Edge: Newfoundland and Labrador Health Services

Website: dischargehub.ca

THE CHALLENGE

- NL Health Services faced growing discharge pressures from an aging population, health care workforce shortages, and limited long-term care capacity.
- Limited discharge-coordination capacity contributed to extended hospital stays for patients designated alternate level of care.
- Coordination gaps across acute and community care added strain on clinicians and reduced system capacity to transition patients home efficiently.

THE SOLUTION

- DischargeHUB was implemented as a technology-enabled managed service to centralize discharge-to-home planning and coordination.
- The model coordinated community-based services, including home support, respiratory services and equipment needs, through a centralized process.
- It supported discharge teams by coordinating tasks and services to streamline transitions from hospital to home across participating zones.

THE RESULTS

3-DAY

REDUCTION IN DISCHARGE TIME

- CLINICIAN-PERFORMED DISCHARGE COORDINATION TASKS REDUCED
- DISCHARGE WORKFLOW EFFICIENCY IMPROVED IN EASTERN URBAN ZONE

Procured by: NL Health Services

NON-INTRUSIVE MONITORING FOR SAFER AGING AT HOME

Deeper Dive Presentation

Josephine

Josephine Care offers discreet sensors that help families stay connected to their aging loved ones without invading their privacy or independence.

Company Headquarters: Montreal, Quebec

Project Edge: Groupe Beaumier

Website: josephine.care

THE CHALLENGE

- Limited staff capacity for continuous resident monitoring
- Delayed detection of falls and health deterioration
- Difficulty identifying subtle changes in daily routines
- Balancing resident safety with privacy and independence

THE SOLUTION

- Enables continuous, non-intrusive monitoring without wearable devices
- Detects early changes in mobility and routines
- Alerts families and caregivers to potential risks for faster intervention
- Supports resident privacy while enhancing safety and independence

THE RESULTS

INTERVENTION TIME REDUCED FROM

45 TO 22

MINUTES

SATISFACTION AMONG RESIDENTS, FAMILIES AND STAFF INCREASED FROM

75% TO 89%

STAFF-REPORTED PROFESSIONAL STRESS DECREASED FROM

70% TO 50%

Procured by: GROUPE BEAUMIER

DIGITIZING PATIENT FEEDBACK FOR BETTER CARE

Deeper Dive Presentation

lime

Lime enables hospitals to collect, analyze, and act on real-time patient feedback through a standardized digital PREM (Patient Reported Experience Measure) platform. Integrated with hospital EHR systems, the tool simplifies data collection, enhances patient engagement, and drives continuous quality improvement.

Company Headquarters: Québec City, Québec

Project Edge: Yukon Hospital Corporation

Website: lime.health/en

THE CHALLENGE

- Paper and phone surveys limited response rates and delayed actionable insights.
- Manual feedback collection consumed significant staff time and lacked consistent analysis.
- Not meeting Accreditation Canada's best practice standard through the collection of PREMs.

THE SOLUTION

- Implemented a digital PREM survey integrated with Meditech for seamless deployment.
- Automated reporting enables real-time data sharing across leadership and quality teams.
- Customizable, multilingual surveys provide inclusive, standardized feedback collection.

THE RESULTS

ALIGNMENT WITH ACCREDITATION CANADA STANDARDS FOR PATIENT ENGAGEMENT.

SURVEY DATA PROVIDED TO EXECUTIVE LEADERSHIP ON A MONTHLY BASIS TO BEGIN ASSESSING AND RESPONDING TO IMPROVING THE PATIENT EXPERIENCE

SIGNIFICANT SOFT COST SAVINGS FROM REDUCED MANUAL DATA COLLECTION AND ANALYSIS.

Procured by: yukon hospitals, fraserhealth, Institut Universitaire de Cardiologie et de Pneumologie de Québec Université Laval, Réseau de santé Vitalité Health Network

HELPING NICU INFANTS TRANSITION HOME SOONER

Deeper Dive Presentation

LIMINALITY INNOVATIONS

Liminality Innovations is improving neonatal and pediatric health outcomes by developing evidence-based solutions that integrate families into care, enhance patient experiences, and reduce health care system costs.

Company Headquarters: Calgary, Alberta

Project Edge: Health PEI

Website: liminality.ca

THE CHALLENGE

- With preterm birth rates rising across Canada, NICUs are under increasing pressure, and families often face prolonged hospital stays filled with uncertainty and stress.
- Family-integrated care has emerged as a critical approach to improving neonatal outcomes by actively involving parents in their newborn's care.

THE SOLUTION

- Liminality's solution, Merge™ provides structured online modules that guide families through essential caregiving tasks, including feeding, diaper changes, and temperature monitoring.
- The program also encourages parental participation in bedside rounds with the health care team, fostering confidence and connection between parents and their newborns.

THE RESULTS

AVERAGE NICU STAY FOR PRETERM INFANTS DROPPED BY:

1.91 DAYS

FROM 14.59 DAYS IN 2023 TO 12.68 DAYS IN 2024

$213,966

ESTIMATED COST AVOIDANCE IN 2024 DUE TO DECREASED NICU LENGTH OF STAY

80%

OF RESPONDENTS STRONGLY AGREED THEY FELT CONFIDENT CARING FOR THEIR BABY UPON DISCHARGE

Procured by: Health PEI

BREAKING DOWN LANGUAGE BARRIERS WITH ON-DEMAND VIRTUAL INTERPRETATION

Available on Supply Ontario VoR

MOHAWK MEDBUY

HEALTHPRO CANADA

Lingotec INCORPORATED

Lingotec provides on-demand and scheduled video and telephone interpretation that connects patients and care teams with professional interpreters in seconds, covering spoken, Indigenous, and sign languages.

Company Headquarters: Ottawa, Ontario

Project Edge: Bruyère Health

Website: lingotec.ca

THE CHALLENGE

- Language barriers limit clear communication between patients and their care teams, which can compromise patient safety, quality of care, and patient satisfaction.
- Without reliable and timely access to professional interpreters, patients with limited English or French proficiency may experience misunderstandings, reduced engagement in their care, and unequal health outcomes.

THE SOLUTION

- Lingotec delivers on-demand video and telephone interpretation,me giving staff timely access to interpreters in the languages their patients need.
- Implementation was low-burden and closely matched the previous workflow, keeping the impact on clinical teams to a minimum.
- A third-party Privacy Impact Assessment was completed and shared with four additional hospitals, and the solution meets SOC 2 and PHIPA requirements.

THE RESULTS

5.3 SECONDS

AVERAGE WAIT TIME TO CONNECT WITH AN INTERPRETER

23%

PROJECTED REDUCTION IN ANNUAL INTERPRETATION COSTS

80%

OF STAFF SAID LINGOTEC IMPROVED INTERPRETATION SERVICES

Procured by: Santé Bruyère Health, CHEO, Halton Healthcare, Hamilton Health Sciences, IWK Health, Centre hospitalier universitaire général juif Jewish General Hospital University Health Centre, Norfolk General Hospital, West Haldimand General Hospital, RVH Royal Victoria Regional Health Centre, WRHN Waterloo Regional Health Network, Trillium Health Partners Better Together, UNITY HEALTH TORONTO, nova scotia health

VIRTUAL REALITY SIMULATION FOR CLINICAL TRAINING

Deeper Dive Presentation

lumeto

Lumeto develops InvolveXR, a high-fidelity virtual reality (VR) simulation platform that replicates clinical environments to enhance healthcare education, improve learner confidence, and reduce reliance on limited clinical placements.

Company Headquarters: Toronto, Ontario

Project Edge: The Michener Institute of Education at UHN

Website: lumeto.com

THE CHALLENGE

- Canada faces a severe respiratory therapist (RT) shortage with limited clinical placements available.
- Expanding enrollment strains clinical placement capacity, increasing the burden on practicing RT supervisors.
- Students lack early, safe exposure to high-stakes clinical scenarios before placements.

THE SOLUTION

- Virtual reality modules customized to RT program competencies and accreditation standards.
- Immersive, AI-powered simulations for emergency assessments, code blue responses, and airway management.
- Flexible delivery formats: on-site, at-home, self-directed and instructor-led VR sessions.

THE RESULTS

100%
PARTICIPATION IN AT-HOME SIMULATIONS

40%
INCREASE IN INSTRUCTIONAL ASSESSMENT SCORES

50%
OF STUDENTS REPORTED INCREASED CONFIDENCE

Procured by: CHEO, NL Health Services, RVH Royal Victoria Regional Health Centre, UHN Michener Institute of Education, UNITY HEALTH TORONTO Caring hearts. Leading minds.

REVOLUTIONIZING RADIOLOGY WITH VIRTUAL REALITY

MOHAWK MEDBUY

LUXSONIC

Luxsonic leverages virtual reality to enhance medical education and clinical workflows. The platform enables immersive training, remote collaboration, and simulation-based learning for health care professionals, improving efficiency and accessibility in medical imaging and education.

Company Headquarters: Saskatoon, Saskatchewan

Project Edge: Newfoundland and Labrador Health Services

Website: luxsonic.ca

THE CHALLENGE

- Radiologist shortages and burnout are increasing, impacting the efficiency of medical imaging services.
- Rural physicians struggle to consult with radiologists in real time, leading to delays in diagnosis and treatment.
- Reliance on fixed PACS workstations limits remote access to medical imaging, creating inefficiencies in diagnostic workflows.

THE SOLUTION

- SieVRt is a virtual reality radiology reading room, allowing radiologists to access imaging tools anytime, anywhere.
- It enables the facilitation of real-time consultations between urban radiologists and rural health care providers.

THE RESULTS

EACH RADIOLOGIST READ & REPORTED

5

ADDITIONAL CASES PER WEEK

100%

OF PARTICIPANTS REPORTED VR IMPROVED REAL-TIME COLLABORATION BETWEEN RADIOLOGISTS AND RURAL PHYSICIANS

Procured by: NL Health Services

ENHANCING CHRONIC PAIN MANAGEMENT

ManagingLife

ManagingLife specializes in chronic pain management through its flagship product, **Manage My Pain**. The application helps patients track and self-manage their pain while providing clinicians with valuable real-time data to support treatment decisions.

Company Headquarters: Toronto, Ontario

Project Edge: Bruyère Health

Website: managinglife.com

THE CHALLENGE

- Patients with chronic pain often lack structured self-management tools, leading to ineffective treatment and suboptimal outcomes.
- Clinicians struggle to access and analyze patient-reported pain data in a meaningful way, impacting decision-making and personalized care.
- Current outcome collection is manual and inefficient, hindering program evaluation and improvement.

THE SOLUTION

- Manage My Pain enables patients to track pain, document daily reflections, and receive educational support.
- Clinicians can remotely monitor patient progress using real-time reports, helping adjust treatments more effectively.
- It also enables automated data collection, reducing administrative burdens and improving program evaluation.

THE RESULTS

BASED ON 195 **SELF-REGISTERED PATIENTS** AND OVER 3,200 OUTCOMES CAPTURED

73%
ENGAGED MEANINGFULLY WITH THE APP

53%
FOUND IT EASIER TO EXPLAIN PAIN TO THEIR DOCTOR

34%
FELT MORE IN CONTROL OF THEIR PAIN

35%
CHANGED THEIR BEHAVIOUR AS A RESULT OF THE APP

Procured by: Santé Bruyère Health

IMPROVING PATIENT OUTCOMES WITH REAL-TIME VIRTUAL CARE

maple

Maple's virtual care platform addresses Canada's health care challenges by providing convenient, high-quality care. Maple offers 24/7 access to primary care providers and direct access to specialists for appointments.

Company Headquarters: Toronto, Ontario

Project Edge: Trillium Health Partners (THP)

Website: getmaple.ca

THE CHALLENGE

- Long-term care (LTC) patients often experience delays in receiving specialist care, leading to unnecessary emergency department (ED) visits and hospitalizations.
- Lack of access to immediate consultations strains hospitals and creates inefficiencies in patient care management — a problem especially notable for LTC populations who were at heightened risk during the COVID-19 pandemic.
- The COVID-19 pandemic exacerbated already existing infrastructure challenges, forcing high-risk transfers of patients into crowded ERs.

THE SOLUTION

- THP launched a two-year Telerounding Program in 2020, leveraging Maple technology to facilitate virtual consultations and improve patient outcomes.
- The initiative integrated virtual care bedside terminals (IBTs) into six LTC homes, allowing immediate specialist consultations without requiring patient transfers to the hospital.
- The ED Diversion program connected LTC residents with internists from Mississauga Hospital, Credit Valley Hospital, and Queensway Health Centre, with the ability to refer to additional specialties as needed.

THE RESULTS

70%
OF VIRTUAL CONSULTATIONS PREVENTED A HOSPITAL VISIT OR ED TRANSFER

800+
VIRTUAL CONSULTATIONS FACILITATED IN THE FIRST YEAR, PREVENTING HIGH-RISK ED TRANSFERS

10
SPECIALTY AREAS SUPPORTED, INCLUDING NEUROLOGY, PALLIATIVE CARE, AND GERIATRICS

Procured by: Trillium Health Partners

DIGITAL NURSE CALL BELL SYSTEM

Deeper Dive Presentation

PatientCompanion

PatientCompanion is a digital app for inpatients to submit multilingual care requests, enabling nurses to triage efficiently, reduce workload, and improve patient satisfaction.

Company Headquarters: Waterloo, Ontario

Project Edge: Brightshores Health System

Website: patientcompanion.ca

THE CHALLENGE

- The call bell system lacks detail on request type or urgency, causing delays and unnecessary interruptions to critical care.
- Limited staffing and frequent non-urgent calls forced nurses to abandon tasks, increasing burnout and inefficiency in patient care.

THE SOLUTION

- Patients select their exact need, like pain or water, so nurses know what to expect before responding.
- Nurses can prioritize requests, helping them stay focused on urgent care tasks.
- Patients can express their needs more easily, improving comfort and reducing misunderstandings.

THE RESULTS

100% OF PATIENT RESPONDENTS SAID THE SYSTEM WAS EASY TO USE AND EXPRESSED HIGH SATISFACTION WITH THE EXPERIENCE.

MEDIAN RESPONSE TIMES WERE UNDER 3 MINUTES IN BOTH UNITS, SUGGESTING THE TOOL MAY HELP IMPROVE EFFICIENCY, ESPECIALLY IN RURAL SETTINGS LIKE SOUTHAMPTON.

"I liked the ability to send specific requests so that the staff knew what we needed and could send the appropriate staff member and we did not have to do the back and forth with the call button"

"One night shift the nurse and I used it to communicate how much the baby drank at feeding time. It saved her steps and it meant I could feed and go right back to sleep."

Procured by: Brightshores Health System

STREAMLINING NUTRITIONAL ASSESSMENTS THROUGH PHOTO-BASED LOGGING

Deeper Dive Presentation

RxFood Corporation provides an artificial intelligence-powered platform that analyzes meal photos and delivers evidence-based nutritional information to patients and care teams.

Company Headquarters: Toronto, Ontario

Project Edge: Children's Hospital of Eastern Ontario (CHEO)

Website: rxfood.ca

THE CHALLENGE

- Registered dietitians completed approximately 120 food-diary assessments each month, with comprehensive assessments requiring extensive manual review.
- Staff searched databases, selected food items and estimated portions, creating time demands and opportunities for error.
- Reliance on subjective, patient-recorded information could reduce assessment accuracy and limit the time available for individualized nutritional guidance.

THE SOLUTION

- Patients photographed meals, allowing the platform to generate structured nutritional information for dietitian review.
- The project assessed workflow integration, usability, data quality and clinical impact while replacing paper food diaries in suitable settings and supporting more accessible information sharing between families and clinicians.

THE RESULTS

39%

LESS TIME SPENT PER NUTRITIONAL ANALYSIS

71%

REDUCTION IN MONTHLY ANALYSIS WORKLOAD

Procured by: CHEO

EMPOWERING PATIENTS THROUGH THEIR CARE JOURNEY

SeamlessMD

SeamlessMD is a digital patient engagement platform that helps providers enhance surgical and chronic care outcomes by guiding patients through their care journey with personalized education, remote monitoring, and two-way communication.

Company Headquarters: Toronto, Ontario

Project Edge: Horizon Health Network, Trillium Health Partners & Vitalité Health Network

Website: seamless.md

THE CHALLENGE

- Patients often lack sufficient education and resources to navigate their health care journey. This can lead to increased anxiety, unnecessary emergency department visits, and higher readmission rates.
- Geographic barriers and accessibility challenges make it difficult for patients in rural and remote areas to receive timely follow-up care, impacting recovery outcomes.

THE SOLUTION

- SeamlessMD is a digital patient engagement platform that provides personalized education, remote monitoring, and virtual care to guide patients through their surgical and chronic care journeys.
- By delivering automated reminders, symptom tracking, and real-time alerts, it helps patients stay on track while enabling health care providers to detect complications early and reduce unnecessary hospital visits.

THE RESULTS

100%

OF SURVEYED PATIENTS FELT MORE PREPARED FOR SURGERY

24%

REDUCTION IN HOSPITAL LENGTH OF STAY

75%

OF PATIENTS AVOIDED AT LEAST ONE PHONE CALL TO THEIR CLINICAL TEAM

Procured by: Horizon Health Network, Trillium Health Partners, Vancouver CoastalHealth, Vitalité Health Network, WRHN Waterloo Regional Health Network, Sunnybrook Health Sciences Centre

REVOLUTIONIZING NURSE CALL SYSTEMS WITH SMART TECHNOLOGY

tenera CARE

Tenera Care is a technology company that provides real-time monitoring and analytics platforms, including wearable devices, to enhance the safety and well-being of residents of senior living facilities.

Company Headquarters: Bedford, Nova Scotia

Project Edge: Bruyère Health & Shannex

Website: teneracare.ca

THE CHALLENGE

- Traditional nurse call systems can be costly and complex to install.
- Existing systems often require extensive infrastructure and rely on WiFi connectivity, making them less practical for long-term care (LTC) settings, with no single solution offering high accuracy, affordability, and ease of use.

THE SOLUTION

- Tenera Care's call bell monitoring and tracking system utilizes wearable devices equipped with integrated nurse call buttons for residents, staff, and visitors. When activated, these devices identify the individual in distress and their precise location, enabling rapid response.
- The system's real-time monitoring capabilities ensure that alerts are promptly communicated to caregivers, enhancing safety and efficiency within care facilities.

THE RESULTS

55%

REDUCTION IN FALLS IN LTC SETTINGS

60%

COST SAVINGS COMPARED TO ALTERNATIVE SOLUTIONS

100%

OF PATIENT EXITS SUCCESSFULLY DETECTED IN REAL TIME

Procured by: Santé Bruyère Health Shannex™

DIGITIZE REHABILITATION PLANS WITH REAL-TIME RECOVERY DATA

Tenzr Health®

Tenzr Health provides a digital rehabilitation platform that delivers home exercise programs and engagement tools while capturing objective recovery data for clinicians.

Company Headquarters: Vancouver, British Columbia

Project Edge: Nova Scotia Health

Website: tenzrhealth.com

Deeper Dive Presentation

THE CHALLENGE

- Acquired brain injury rehabilitation teams needed stronger support for upper-limb home exercise programs between clinic visits.
- Objective, real-time visibility into patient progress across the rehabilitation journey to guide timely adjustments was not available to clinicians
- The program sought a scalable approach that could improve adherence outside the clinic while minimizing added administrative workload.

THE SOLUTION

- Implemented Tenzr to digitize the acquired brain injury team's full home exercise program library for patient use outside scheduled appointments.
- Enabled clinicians to receive patient-generated data through the platform to support more objective decision-making during rehabilitation.
- Expanded access by allowing patients to use Tenzr on their own mobile devices, supporting scale across additional inpatient and outpatient spinal cord injury clinics.

THE RESULTS

DIGITIZATION OF THE REHABILITATION CLINICAL WORKFLOW SIGNIFICANTLY EXCEEDED THE TARGET, REACHING 100% COMPLETION COMPARED TO THE 10% GOAL.

100%

OF PROGRESS MEASURES QUANTIFIED THROUGH PLATFORM

Procured by: nova scotia health

ACCELERATING SPECIALIST ACCESS AND REDUCING REFERRAL WAIT TIMES

Virtual Hallway

Virtual Hallway is a telehealth platform that enables virtual and phone-based consultations between primary care providers and specialists.

Company Headquarters: Halifax, Nova Scotia

Project Edge: Nova Scotia Health

Website: virtualhallway.ca

Deeper Dive Presentation

THE CHALLENGE

- Lengthy wait times for specialist referrals delay patient diagnoses and treatment, leading to gaps in care.
- Inefficient referral pathways contribute to backlogs in specialist consultations, underscoring the need for a faster system that connects primary care providers with specialists while reducing unnecessary in-person visits.

THE SOLUTION

- Virtual Hallway is a digital platform that streamlines specialist referrals by enabling primary care providers to quickly connect with specialists through scheduled phone consultations.
- Its purpose is to reduce wait times, improve care coordination, and minimize unnecessary in-person visits, ensuring patients receive timely and effective medical guidance.

THE RESULTS

84%

OF VIRTUAL HALLWAY CONSULTATIONS AVOIDED THE NEED FOR A TRADITIONAL SPECIALIST REFERRAL

AVERAGE WAIT TIME FOR A CONSULTATION REDUCED FROM ONE MONTH TO

5.8 DAYS

1,000+

PHYSICIANS AND NURSE PRACTITIONERS USING VH ACROSS CANADA

Procured by: Health PEI, nova scotia health, NL Health Services, Virtual Health Hub

TRANSFORMING RESIDENT EXPERIENCE IN SENIOR LIVING

welbi

Welbi uses AI-powered tools to enhance resident engagement, streamline operations and improve overall quality of life for senior living communities.

Company Headquarters: Ottawa, Ontario

Project Edge: SE Health Senior Living Facilities

Website: welbi.co

Deeper Dive Presentation

THE CHALLENGE

- Senior living facilities often struggle to engage residents, reduce social isolation, and efficiently manage recreation programs, which can lead to cognitive and physical decline.
- Recreation teams lack real-time insights into resident engagement and preferences, while admin tasks are time-consuming and limit their ability to personalize programs.

THE SOLUTION

- Welbi's AI-powered platform helps senior living communities enhance resident engagement and streamline recreation management.
- The platform automates admin tasks, giving staff more time to focus on personalized, meaningful programming while providing real-time insights into resident preferences and participation.

THE RESULTS

75%

INCREASE IN RESIDENT PARTICIPATION IN RECREATIONAL ACTIVITIES

84%

REDUCTION IN MANAGEMENT AUDIT HOURS

20 » 6.5

MINUTES MINUTES

REDUCTION IN TIME REQUIRED TO LOCATE RESIDENT INFORMATION

Procured by: SE Health

ENHANCING COMMUNICATION & QUALITY OF CARE

Deeper Dive Presentation

Zodiac Light Waves Inc. is a proudly Canadian company with expertise in providing reliable, secure IT and nurse call systems.

Company Headquarters: Ottawa, Ontario

Project Edge: Covenant Living

Website: zodiaclightwaves.com

THE CHALLENGE

- Traditional nurse call systems rely on outdated technology and wall-mounted buttons that residents or patients must push to notify the nurse or caregiver when they need assistance.
- Older systems often include intrusive overhead paging that that disrupts what should be a quiet environment.

THE SOLUTION

- Zodiac's state-of-the-art wireless nurse call system consists of a wearable device for patients, enabling real-time monitoring, precise location tracking, and automated alerts including fall detection, which leads to faster response times and intervention.
- Zodiac's system also comes with a built-in wandering resident system to prevent wandering and provide a barrier-free and secure environment for residents.

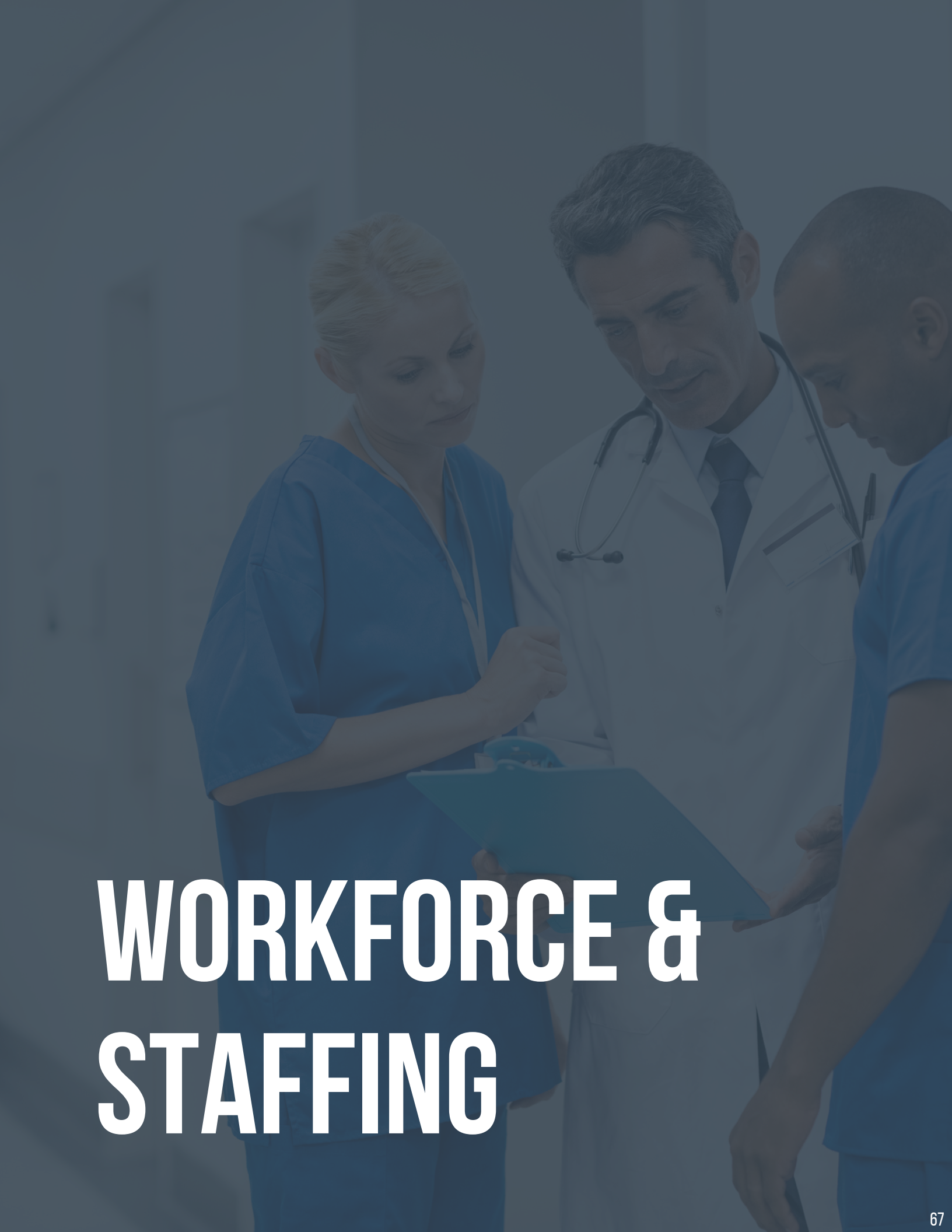
THE RESULTS

100%
OF RESIDENTS USED THE NEW SYSTEM

75%
OF RESIDENTS SATISFIED WITH THE SYSTEM

- STAFF CAN REACT FASTER TO PATIENT EMERGENCIES, IMPROVING SAFETY AND WELL-BEING OF PATIENTS.
- EXTENDED COVERAGE OF PORTABLE PHONES ENSURES NO AREA OF THE BUILDING IS OUT OF REACH.

Procured by: Covenant Living



WORKFORCE & STAFFING

DEPLOYING FRONTLINE STAFF WITH THE CLICK OF A BUTTON

Andgo Systems Inc. is a workflow automation company that specializes in Intelligent Shift Fill Automation, offering end-to-end solutions for absence management and shift filling.

Company Headquarters: Saskatoon, Saskatchewan

Project Edge: Saskatchewan Health Authority

Website: andgosystems.com

THE CHALLENGE

- Canada faces a critical shortage of health care workers, leading to excessive workloads, burnout, and reduced quality of care.
- Difficulty attracting and retaining staff, especially in rural areas, results in reliance on costly temporary workers and workforce instability.

THE SOLUTION

- Andgo simplifies the process of filling shifts by automating notifications and shift matching, ensuring swift and effective coverage.
- It automatically alerts eligible staff and matches them to open shifts, reducing time and effort spent on unfilled shifts, so teams maintain operational continuity.

THE RESULTS

86%

REDUCTION IN TIME TO FILL SHIFTS

$500K +

IN AVOIDED COSTS

75%

REDUCTION IN LABOUR REQUIRED FOR SCHEDULING

Procured by: Saskatchewan Health Authority, Trillium Health Partners Better Together

SOLVING STAFF SHORTAGES WITH A DIGITAL PLATFORM

BookJane

BookJane is an all-in-one shift fulfillment platform that was designed to solve the acute staffing challenges in health care.

Company Headquarters: Toronto, Ontario

Project Edge: SE Health

Website: bookjane.com

THE CHALLENGE

- Manual, paper-based scheduling can lead to high administrative and operational costs, underutilized staff, and inefficiencies.
- Without an efficient system, part-time and casual staff are underutilized, contributing to workforce shortages.

THE SOLUTION

- BookJane is an all-in-one shift fulfillment platform, built to solve the acute staffing issues in the health care industry.
- It automatically connects with staff to find shift coverage, manage internal and external schedules, assign shifts, communicate with team members, and access 20,000+ agency staff.

THE RESULTS

70%

REDUCTION IN ADMIN TIME TO FIND NEW SHIFTS

35%

INCREASE IN SHIFT FULFILLMENT

100%

EMPLOYEE SATISFACTION RATE

STREAMLINING EMPLOYEE TRANSITIONS

Deeper Dive Presentation

BLANC LABS

Blanc Labs helps organizations manage employee transitions by improving the onboarding and offboarding processes through the automation of repetitive administrative tasks, data accuracy, and communication between departments.

Company Headquarters: Toronto, Ontario

Project Edge: Shannex

Website: blanclabs.com

THE CHALLENGE

- The increase in demand for health care workers accompanied by high turnover rates has led to an increase in employee offboarding and onboarding.
- Employees need timely access to equipment and business systems; delays in communication between departments make this difficult.
- Manual processes for onboarding and offboarding create bottlenecks, increasing the risk of security gaps and operational inefficiencies.

THE SOLUTION

- Blanc Labs leverages Robotic Process Automation (RPA), AI, and workflow automation to streamline business operations by reducing manual tasks, improving efficiency, and ensuring accuracy.
- It integrates with enterprise systems to automate repetitive processes, enhance security, optimize decision-making, and support digital transformation.

THE RESULTS

80%
OF NEW HIRES AND TERMINATIONS AUTOMATED

60%
OF NEW EMPLOYEES GAINED SYSTEM ACCESS ON DAY 1

TIME SAVED DURING PROJECT

290
HOURS FOR HIRING MANAGERS

233
HOURS FOR IT ADMIN

Procured by: Shannex

BOOST RETENTION & PERFORMANCE WITH DIGITAL RECOGNITION

Caribou REWARDS

Caribou Rewards is a first-of-its-kind digital rewards program designed to recognize and reward staff for going above and beyond every day. It helps to improve retention, recruitment, and performance through technology that gives back to care workers.

Company Headquarters: Ottawa, Ontario

Project Edge: SE Health

Website: caribou.care

THE CHALLENGE

- Employee recruitment and retention is a major challenge impacting health care organizations across the country, especially in the home care industry.
- Amidst growing demands for care and services, health care organizations need to build teams that continue to meet and exceed the needs of communities while ensuring people in all roles feel appreciated and supported.

THE SOLUTION

- Caribou is a platform that allows organizations to digitally recognize staff at any time for efforts such as completing early training, reporting client incidents, and referring friends.
- Staff can redeem their awards, which are deposited directly into their paychecks.

THE RESULTS

93%

DECREASE IN TIME TO GIVE RECOGNITION

90%

LEADERS FOUND IT VERY EASY TO USE

96%

FRONT-LINE STAFF FOUND IT 'EASY' OR 'VERY EASY' TO USE

Procured by: Health

OPTIMIZING HEALTH CARE HIRING PROCESSES

Caring Support is a health care employment platform designed to connect health care workers, employers, and educational institutions across Canada. The platform aims to streamline the job search and hiring process within the health care sector.

Company Headquarters: London, Ontario

Project Edge: Bruyère Health

Website: caringsupport.com

THE CHALLENGE

- The health care industry faces ongoing challenges in recruitment due to a highly competitive job market.
- Traditional hiring methods (job boards, manual outreach) do not attract the right candidates, leading to prolonged vacancies and increased workload pressures on existing staff.

THE SOLUTION

- Caring Support's platform integrates with HR systems to automate job postings and efficiently match candidate resumes.
- It enables recruiters to engage directly with qualified candidates and uses more aggressive marketing and targeting strategies to improve hiring outcomes, particularly for nurses.

THE RESULTS

3,600%

INCREASE IN RPN APPLICATIONS
(FROM 0.6/MONTH TO 22/MONTH)

600%

INCREASE IN RN APPLICATIONS
(FROM 1/MONTH TO 7/MONTH)

~10%

DECREASE IN PLATFORM EXPENDITURES

Procured by: Santé Bruyère Health

DELIVERING RECOGNITION, DRIVING RETENTION

Deeper Dive Presentation

guusto

Guusto Gifts is a digital employee recognition and rewards platform designed to help organizations improve engagement, retention, and workplace culture by making it easy to send and receive meaningful recognition.

Company Headquarters: Vancouver, British Columbia

Project Edge: Covenant Health

Website: guusto.com

THE CHALLENGE

- Organizations are facing rising workforce burnout, disengagement, and retention issues—particularly among frontline staff.
- Traditional recognition programs are often outdated, inconsistent, and lack digital capabilities—making it hard to deliver timely, meaningful appreciation across sites.

THE SOLUTION

- Guusto's digital employee recognition platform enables real-time, personalized rewards via email, print, QR codes, and TV displays—making it ideal for reaching both office and deskless workers.
- The platform integrates with HR systems, automates milestone delivery, and simplifies administration—saving time and resources while increasing employee satisfaction.

THE RESULTS

100%

IMPROVEMENT IN ON-TIME MILESTONE AWARD DELIVERY

> $23,000

IN COMBINED COST SAVINGS FROM UNCLAIMED CARDS AND REDUCED SHIPPING/ADMIN TIME

81%

OF 1,527 MILESTONE GIFT CARDS CLAIMED WITHIN 3 MONTHS

Procured by: Covenant Health

STRENGTHENING NURSE RETENTION THROUGH DIGITAL MENTORSHIP

Deeper Dive Presentation

MentorCity™

MentorCity provides cloud-based mentoring software that helps organizations run mentoring programs, including matching, messaging, goal-setting, and reporting.

Company Headquarters: Thornhill, Ontario

Project Edge: Trillium Health Partners

Website: mentorcity.com

THE CHALLENGE

- Trillium Health Partners (THP) hires many novice nurses (within 1–5 years of graduation), creating a need for consistent mentorship supports at the point of care.
- Existing onboarding and retention supports needed to better connect early-career staff with experienced mentors and practical resources.
- THP required an approach that could serve a large, diverse workforce, including equity-deserving groups, at scale.

THE SOLUTION

- THP co-designed and implemented WeMentor+, a web-based mentorship platform built with MentorCity, to enable mentor–mentee matching, messaging, discussion boards, and access to THP-approved educational and wellness resources.
- The platform integrated with single sign-on (SSO) and used iterative pilot evaluation (surveys, interviews, and admin dashboards) to refine workflows and scale.

THE RESULTS

14.4%
REDUCTION IN VOLUNTARY TURNOVER

96.1%
ACTIVE MEMBER RATE DURING EVALUATION

83%
RATED PLATFORM HIGHLY EFFECTIVE SUPPORT

Procured by: Trillium Health Partners

KEEPING LONE HEALTH CARE WORKERS SAFE WITH CONNECTED PANIC TECHNOLOGY

SolusGuard

SolusGuard provides a connected safety ecosystem for lone health care workers, offering wearable panic buttons, mobile check-ins, real-time monitoring, and satellite backup to improve emergency response, compliance, and worker safety.

Company Headquarters: Saskatoon, Saskatchewan

Project Edge: Saskatchewan Health Authority

Website: solusguard.com

THE CHALLENGE

- Staff working alone in community settings lacked real-time support and rapid emergency response options.
- Manual check-in/check-out processes were time-consuming and increased administrative burden for managers.
- Existing safety workflows offered limited visibility into worker location and wellbeing during shifts.

THE SOLUTION

- Wearable panic button sends instant distress alerts with patented backup 911 calling, even if phone is locked.
- Mobile app automates check-ins, provides GPS location, and enables two-way communication for emerging risks.
- Cloud dashboard offers real-time monitoring, reporting, compliance tracking, and management of large teams.

THE RESULTS

- **HIGH PERCEIVED SAFETY: STAFF REPORTED FEELING SAFER, WITH MANY REQUESTING TO KEEP DEVICES POST-PROJECT.**
- **REDUCED ADMIN BURDEN: MANAGERS REPORTED DECREASED FOLLOW-UP WORKLOAD ONCE STAFF ADAPTED TO THE APP.**
- **IMPROVED WORKFLOW: STAFF FOUND DIGITAL CHECK-IN/CHECK-OUT MORE CONVENIENT THAN PHONE OR MANUAL PROCESSES.**
- **STRONG USABILITY: STAFF UNANIMOUSLY RATED THE SCREENING APP 10/10 FOR EASE OF USE.**
- **80% DAILY ADOPTION OF SOLUSGUARD'S MOBILE SCREENING TOOL DURING COVID USE CASE.**

Procured by: Alberta Health Services · First Nations Health Authority (Health through wellness) · Saskatchewan Health Authority · Réseau de santé vitalité Health Network

Access the lookbook on your device