

 MTS Group, LLC  Google Cloud

MTS GROUP

*Cutting Edge Science
World Class Expertise
Real World Solutions*

MTS Group

IN PARTNERSHIP WITH GOOGLE CLOUD SERVICES

MTS GROUP, LLC

Overview

MTS Group designs and offers products and services that address the consequences of our broken public sector service system. We are a unique team of nationally renowned thought leaders and content experts that create customized solutions on a state, county and municipal level.

Our WayFinder System™, uses a unique cross-organizational case management technology to create person and population-centric connections between police, corrections, the criminal justice system, hospitals, mental health providers, health care funders and housing providers. Processes, technologies, and tools have been developed to enable identification, screening, assessment, and diversion of these target populations from homelessness, law enforcement, the judicial and criminal justice systems and link them to evidence-based community treatment and services.

The WayFinder System™ is usable over any complex system where it compensates for the inherent fragmentation existing within and between “silos”. It is extremely cost effective, easy to deploy and provides unique cross-organizational automated workflows with embedded decision support mediated by an advanced computing system resulting in:

- Optimum use of existing resources
- Use of predictive modeling to anticipate likely outcomes and inform ongoing system development
- Establishment of standard outcome expectations and contractual accountability

- True integration of services, care and treatment at all levels of the “real world” system
- People being diverted away from jail, homelessness or worse, and linked to the services, care and treatment they need
- Participating organizations having retrospective & prospective tracking, reporting and decision support allowing for planning and maintaining the most cost-effective system possible.

Partnership with Google

MTS Group was contacted by Google in April of this year. Several executives in Google’s Public Health Sector Division were familiar with the WayFinder System™ and asked us to partner with them in serving large public sector clients.

As of October 2020, MTS Group became a Google Service Partner as part of the Google Cloud Partner Advantage community. We will bring our subject matter expertise and unique service environment while Google contributes its team of 56 regional sales representatives, artificial intelligence and analytics capacity, its facility with integrating disparate systems while maintaining the highest degree of security.

MTS Group and Google will co-brand, and WayFinder™ will be presented as a Google service partner; WayFinder™ will be marketed by means of Google’s 56 regional representatives throughout the United States which provides an established and powerful sales network. Our partnership also obviates the need for MTS Group to interact with individual state procurement practices as we will be offered under the Google umbrella.

Our first migration of the WayFinder™ System onto the Google Cloud platform will be to create the Enterprise Solution for Judge Steve Leifman’s nationally acclaimed Eleventh Judicial Circuit Mental Health Project in Miami-Dade County, Florida. Judge Leifman is widely renowned as the preeminent expert on the subject of people with mental illness ensnared in the criminal justice system. His uniquely innovative services are regarded as the national model for how the judiciary must deal with the immensely costly and inhumane status quo. Already the prestigious Conference of Chief Justices (CCJ) has begun working with Judge Leifman to export his model nationally. The WayFinder™ System will be the means by which this happens.

We are simultaneously building an enterprise system to support veterans services for homeless and incarcerated veterans. Our first deployment of this use of the WayFinder™

System will be to support VISN 1 (the 6 New England states) through the Veterans Administration (VA). We will be doing this in partnership with VA national leadership for homeless veterans and incarcerated veterans.

Our revenue model is based on charging our customers an up front user fee combined with monthly service and maintenance fees. We have identified and communicated with multiple potential customers all of whom have expressed an interest in adopting our system. Simultaneously we will be leveraging the already established Google customer relationships, primarily in the public health sector.

The WayFinder System™

The WayFinder System™ uniquely produces complex system integration through the creation of three inter-related technology strategies:

1. a dynamic automated systems map,
2. a decision support tool, and
3. a web-based information and referral system that enables connection with primary care, mental health, substance use disorder, and SDOH services.

These strategies promote collaborative problem-solving, improve administrative, policy, and funding decisions, and streamline access to case management and care.

Through WayFinder™, stakeholders across the service networks and bureaucracies that constitute that functional system of care will:

- map out how the system operates;
- identify core data sources and attributes to underlie the decision support tool;
- pilot, refine, and suggest additional applications for the model.

Through WayFinder™, stakeholders have access to tools to support meta-systems strategic planning; tools that can assist them, at key decision points in planning, to anticipate the intended and unintended impacts of decisions, to project the level and type of resources needed to achieve desired outcomes, and to weigh the potential costs and benefits of different policy, funding, and service delivery scenarios.

In addition, consumers, providers, and other stakeholders will have access to an information and referral system that will simplify and expedite the process of accessing services. Outcomes include:

- 1) increased understanding and consensus among key stakeholders about how the functional system of care does and does not work currently and how it should ideally function;
- 2) increased proactive and collaborative decision making across system components; and
- 3) greater ease in accessing and navigating the continuum of care for consumers and providers.

Evolution of and Sustained Successes of The WayFinder System™

A. The Cook County Jail Datalink System - The “Original” WayFinder™ Application:

The WayFinder System™ had its genesis in 2001 in Cook County, Illinois.

In an initial partnership with the U.S. Department of Commerce, the Illinois Department of Mental Health and the Cook County Department of Health, the first iteration of WayFinder™ (then known as the MhISSION System) connected the Cook County Jail’s then daily inmate population of 11,000 with the 86 community mental health centers serving the Greater Chicago area.

This much earlier and simpler version of WayFinder™ was built for a mere \$500K. It continues to serve Cook County to this day; it has expanded and now serves approximately one third of Illinois.

Because of its novel approach and uncontested effectiveness, it was awarded the 2003 American Psychiatric Association’s Gold Achievement Award for innovative programs.

B. The Veteran’s Jail Diversion & Trauma Recovery Program:

Funded by a \$2.1 million grant from SAMHSA (the Substance Abuse and Mental Health Services Administration), the WayFinder System™ served as the backbone of the JDTR program serving all of Vermont and contiguous portions of rural New York State and New Hampshire.

Implemented in 2012 it provided a reliable jail diversion strategy for veterans who had come to the attention of the criminal justice system. The system served a total of 257 rural and urban veterans with dramatic improvement in the quality of their lives by connecting them with integrated mental health and SDOH services. Results:

- 79% diversion rate (pre-/post-sentencing)
- 100% screened for VA benefits status
- 45% converted from VT state benefits to VA benefits
- 4% 2-year recidivism rate (cumulative) vs >50%

C. Supportive Services for Veterans Families (SSVF):

Implemented in 2014 and receiving annualized funding of \$1.68 million from the Veterans Administration, the SSVF program relies on the WayFinder System™ as its backbone. The current UVM SSVF program is currently the preeminent service providing veterans and their families in all of Vermont and contiguous areas in New York State and New Hampshire with rapid access to housing and linkage to key services. The VA has determined that the UVM SSVF program will be funded in perpetuity; it will be receiving an additional 30% in funding for the coming fiscal year.

Results:

- >1,000 homeless veteran families housed over 5 years
- 100% screened for VA benefits status
- 43% converted from VT state benefits to VA benefits
- Development of the Virtual Avatar Screening Assistant™ (VASA). This is an innovative self-assessment screening tool for PTSD. Using gaming and relational agent technology, VASA is designed to establish a relationship of trust and engagement with the individual. Through a series of highly structured and targeted probes, VASA gathers critical knowledge of the individual's trauma history and symptomatology, perceived barriers to treatment and readiness to seek care.

D: MTS-UVM Partnership

In 2014, Robert Larner, M.D. College of Medicine at the University of Vermont became a 5% equity partner with MTS, a part of MTS Group. In doing so, Corine Farewell, director of UVM's Office of Technology Commercialization (OTC) said:

"The technology is so new that creating a University spin-off company is the most desirable way to bring the invention to the market."

Modular Components of The WayFinder System™

The WayFinder System is comprised of a series of interrelated modules: The Enterprise version includes all the WayFinder™ modules listed below.

WayFinder™ CORECTIONS REENTRY MODULE

This module includes the methodology, workflows, and information systems architecture to connect jails with community mental health centers to share pertinent information needed to enable appropriate discharge planning. It provides a comprehensive intelligent environment to reduce recidivism for the treatment and discharge planning for inmates reentering the community.

WayFinder™ CORRECTIONS DIVERSION MODULE

Provides a comprehensive intelligent environment to reduce incarceration/reincarceration allowing individuals to safely remain in the community. This includes an array of court diversion and social services linkage strategies.

WayFinder™ VETERANS SERVICES MODULE (VETNET)

This module includes the methodology, staffing models, workflows, information sharing agreement templates, and information systems architecture needed to identify veterans at referral from law enforcement, corrections, or other referring entities.

It includes the methodology, staffing models, workflows, social services matrix, and information systems architecture needed to perform intake for veterans, connect them with outreach services, identify appropriate service/treatment options, and track their progress.

WayFinder™ OPIATES/ADDICTION “HUB & SPOKE” MODULE

Provides a comprehensive intelligent environment for the treatment of persons with opiate addiction and other substance use disorders.

WayFinder™ JUDICIAL & COMMUNITY JUSTICE MODULE

This module includes the methodology, workflows, and information systems architecture needed to enable courts to access appropriate information about veterans that may be pertinent in diverting them from corrections and into alternative justice tracks. It provides a comprehensive intelligent environment serving the judicial system, particularly specialty courts, treatment courts and court alternatives.

WayFinder™ MEDICAID MODULE

Provides a comprehensive intelligent environment to address the ongoing needs of Medicaid recipients with particular focus on high utilizers who account for disproportionately large state expenditures with low value for the medical dollar..

WayFinder™ ~ENTERPRISE

All WayFinder™ modules includes the methodology, workflows, information systems architecture, and information sharing templates needed to enable sharing appropriate information among social/human service entities that are typically disconnected (e.g., housing services, family services, Medicaid and other funding agencies, food stamps, transportation, etc.) to help connect people with the services they need to not only survive but thrive.

The WayFinder System™ modules described above provide interoperable turnkey solutions for the respective systems they support. In addition, a total turnkey solution is available via WayFinder™~Enterprise.

WayFinder™~Enterprise deliverables include analysis of the current environment, requirements analysis, stakeholder analysis, project plan, communications plan, documentation plan, technology plan, staffing plan, implementation plan, budget, workflow design, technology implementation, operational handoff, and (if desired) support/maintenance. The WayFinder™~Enterprise Project Team includes a minimum of Project Manager, Operations Consultant, Clinical Consultant, Veterans Affairs Consultant, Information Systems Architect, and Social Services Consultant.

MTS Group & MHISSION Translational Systems, LLC **IN PARTNERSHIP WITH GOOGLE CLOUD SERVICES**

EXECUTIVE TEAM:

Thomas Simpatico, M.D. - Founder, Chairman & CEO, MTS Group & MTS



Dr. Thomas Simpatico is the founder and CEO of MHISSION Translational Systems, LLC. MTS is a spin-off corporation of and partner with the University of Vermont College of Medicine and recently became a partner with Google Cloud. Starting in 2001, Dr. Simpatico and his team have created a suite of tools and technologies called the MHISSION System that more effectively connects targeted populations with a constellation

of treatment and service options. Developed by nationally recognized content experts, this dynamic and intuitive decision-supported ecosystem improves outcomes and reduces costs. It has been used in several New England states to support jail diversion and re-entry and veteran services and in the greater Chicago area to support linkage between the Cook County Jail and over 100 community mental health centers.

Dr. Simpatico trained at the University of Chicago and specializes in a number of areas of behavioral healthcare delivery and administration, including health & human services policy; standards of care for behavioral health practices; population health; systems of care; complex systems & medical informatics; public psychiatry/serious mental illness; veterans' services; correctional behavioral health; and medicine and the law.

He has served in a wide variety of clinical, administrative and expert roles that have provided me with a comprehensive and intimate familiarity with the various perspectives, pressures, cultures and practice standards of organizations comprising the behavioral health system of care. These roles include serving as Medical Director of multiple community mental health centers in Chicago, Illinois and Vermont, as well as serving as Medical Director of multiple state psychiatric hospitals (Chicago-Read Mental Health Center, Chicago, Illinois and the Vermont State Hospital, Waterbury, Vermont).

He served as the appointed Chief Medical Officer for the Vermont Medicaid Authority from 2013-2017. He has served as the Director of Psychiatric Services for the Vermont Department of Corrections from 2010-2013 and as Bureau Chief of the Greater Chicago Area for the Illinois Department of Mental Health (overseeing 3 state hospitals, 1 forensic hospital and funding for 86 community mental health centers) and as Attending

Psychiatrist at 2 university medical centers (Northwestern Memorial Hospital, Northwestern University and the University of Vermont Medical Center).

His decades of clinical, administrative, and public policy experience in the field of behavioral health have centered around the planning, treatment and provision of services to individuals with serious mental illness and substance use disorders across both inpatient, correctional and community-based systems of care.

Throughout his career, Dr. Simpatico has been an active researcher and teacher. He was the recipient of the Exemplary Psychiatrist Award from the National Alliance on Mental Illness and the Featherfist Humanitarian Service Award. He is a Distinguished Fellow of the American Psychiatric Association and past president of the Vermont Psychiatric Association. He served as a member of former Vermont Governor Peter Shumlin's Cabinet for Criminal Justice and Substance Abuse Services and was part of the leadership team overseeing Vermont's "hub and spoke" system for opiate replacement therapy.

Craig Dugan, CPA - Chief Financial Officer, MTS Group & MTS



Mr. Dugan was the founder, president and Managing Principal of Dugan, Scotti and Zoch, PA., a New Jersey-based certified public accounting firm engaged in the practice of public accounting, tax planning and preparation, estate planning, forensic accounting, business valuations, litigation support, business succession planning, and management consulting services. The firm is registered with the Public Company

Accounting Oversight Board (PCAOB).

Mr. Dugan is a graduate of Fairfield University with a BS in Accounting and is a member of the American Institute of Certified Public Accountants, the New Jersey Society of Certified Public Accountants, and the Bergen County Estate Planning Council.

He currently serves as a board member and Treasurer for two Non Profit Organizations, The National Foundation for Facial Reconstruction (MY FACE) which is dedicated to transforming the lives of patients with craniofacial conditions by funding medical, surgical and dental care and Law Enforcement Against Drugs (LEAD) which is dedicated to protecting our youth and communities from the proliferation of drugs, drug related crimes bullying and violence by collaborating with dedicated law enforcement officers, educators and community leaders and support organizations. He is the former president of the Harrington Park, NJ Board of Education.

J. Scott Strenio, M.D. - SVP Medicaid & Correction Operations, MTS



J. Scott Strenio, MD is a board-certified family physician, trained at the University of Pittsburgh Medical School followed by a Family Medicine Residency at an affiliated hospital who was in practice for 20 years in both rural Vermont and Pennsylvania before going into administrative medicine 15 years ago. He was the first full-time Medical Director at the largest FQHC in Vermont and oversaw the Homeless Health Project in the early

90's.

He has been Medical Director for the Vermont Department of Corrections, Blue Cross Blue Shield of Vermont and UPMC Health Plan before accepting the CMO position at VT Medicaid three years ago. He currently also serves as part-time Medical Director for the VT DOC.

He is a member of the VT Chapter of the American Academy of Family Physicians and a Fellow of the American Academy of Family Medicine.

Colby Kelly - SVP Communications, MTS



Colby Kelly provides strategic counsel for brand development as well as a full range of marketing communications services focusing on institutions in the public health, education and social justice sectors. She is expert in brand positioning and message development, adept at orchestrating and integrating web content, social media, traditional media, advertising and events to build impact. She specializes in partner engagement across

federal, state and regional organizations to target audiences. During two decades working in television communications, Ms. Kelly developed and executed national communications strategies to leverage the power of PBS and cable documentaries working with Bill Moyers, the Skoll Foundation, the Robert Wood Johnson Foundation and many other producers and funders to promote social change and government policy on issues including mental illness, addiction, end-of-life care, Alzheimers disease, obesity, bullying and chemical pollution. Most recently, as Senior Vice President for Marketing and Communications at Childrens Health Fund, Ms. Kelly developed and executed media strategies leading to millions of media impressions through coverage and op-eds in such diverse media as the Wall Street Journal, New York Times, USA Today, CNN, Good Morning America, the Washington Post, NPR and the Colbert Report.

Ms. Kelly specializes in integrated strategic communications planning to build brands for nonprofit and for-profit companies that promote the public good. At Children's Health Fund she marshaled high-impact web design incorporating rich media for story-telling, escalated social media tactics, brought new energy to traditional media relations, enhanced institutional communications, envisioned strategic events and implemented an advertising strategy to build brand awareness and increase revenue. CHF was selected to be one of 6 US charities to benefit from Red Nose Day, and Ms. Kelly led the CHF team working with NBC to garner primetime coverage for two years running as well as segments on NBC Nightly News, the Today Show and other visibility.

At Columbia University, Ms. Kelly was a branding consultant to the deans of the Mailman School of Public Health and the Graduate School of Journalism. Ms. Kelly provided marketing expertise to launch the Mailman School's groundbreaking new MPH curriculum and guided strategy to advance the School's institutional reputation including starting Columbia Public Health magazine and producing a global public health conference that brought together 125 thought leaders from 33 countries. At Columbia School of Journalism, she provided strategic counsel to reposition the School brand during a time of great change in the media.

Ms. Kelly first worked with Dr. Simpatico in 2009 on the PBS program MINDS ON THE EDGE: Facing Mental Illness, producing a national engagement campaign as a catalyst for policy reform in criminal justice and health care systems. She secured and leveraged partnerships with 12 leading mental health advocacy organizations and professional associations resulting in hundreds of screening events across the country, and planned and managed high-profile events including a Capitol Hill legislative briefing keynoted by Supreme Court Justice Stephen Breyer.

Following a senior management position at PBS flagship station Thirteen/WNET in New York in the 1990's, she founded Kelly & Salerno Communications serving a broad range of non-profit and media clients including Bill Moyers, United Hospital Fund, the Skoll Foundation, Robert Wood Johnson Foundation, The After-School Corporation, National Park Service, New York Public Library, and dozens of PBS documentary producers. Her campaigns garnered hundreds of millions of media impressions.

She graduated from Brown University with honors and began her career as press secretary to Commissioner Henry Geldzahler at the New York City Department of Cultural Affairs.

Tom Conant - SVP Ecosystem Development & Informatics, MTS



Tom Conant is an inventor, digital health entrepreneur and health informatics expert with a passion for creating transformative and disruptive e-health solutions. His work over the past 25 years pioneered the use of relational agents, telemedicine, virtual environments and other emerging technologies to enhance treatment and support for individuals with diabetes, post-traumatic stress disorder (PTSD), schizophrenia, bi-polar disorder, depression, anxiety disorder, and those at risk for suicidal ideation.

His passion for and vision of a globally connected and digital society has been the driving force behind a decades-long entrepreneurial career – from his founding of one of the first early behavioral health and consumer informatics companies in 1987, to his recent work with highly-connected and collaborative data-driven ecosystems.

Over the years, he's developed novel informatics methods, authoring tools and knowledge engineering techniques to support semantic interoperability, agent-based modeling, knowledge sharing, collaboration, and co-creation of flexible, adaptive and patient-centered ways of delivering advanced healthcare.

As a digital health entrepreneur, he has developed an impressive array of technology-enabled care programs, e-health solutions, and collaborative platforms for a variety of clients including Eli Lilly, Roche Laboratories, Merck, Novo Nordisk, Novartis, Pfizer, Johnson & Johnson, Nexxus Systems, University of Rochester Department of Psychiatry, and the University of Vermont.

Dave Bradley - Chief Technology Officer, Senior Architect



Dave is a seasoned technical architect and software engineer with over 25 years going broad and deep in system design and delivery. He is fluent in several programming languages including C/C++, Java, Perl, Python, Objective C, and others. His career focus has included embedded systems development, UNIX Kernel development, web development, enterprise software development, mobile application development, and VMware vSphere / vCloud.

With a diverse background in multiple disciplines, his strong entrepreneurial slant and fervent drive for success has made him an expert in solving performance and functional problems in computing systems. He's designed and implemented many high

performance, fault tolerant end-to-end solutions, shepherding projects from concept to launch with scalable and reliable production deployments.

His past experience and accomplishments include serving as lead development architect for the NYSE Community Financial Cloud – a first-of-its-kind SaaS private financial cloud for financial institutions, trading firms, and market-makers worldwide.

He also served as vice president of information services for BNY Convergenx, and senior systems architect for Nyfix Corporation, where he helped build the technology side of the company from its first datacenter with just a few servers to multiple datacenters filled with over a thousand systems. During this time the company went from a \$10 million company to a \$110 million company.

During his tenure at Sun Microsystems as a professional services consultant, he spent 15 months as a developer for a Xerox OEM high-performance printing project, where he reviewed code, preached Sun best practices, profiled all layers of the 160 million lines of client and Solaris operating system code, as well as contributed his own code. His success at identifying and fixing all bottlenecks and allowing the printer to print at full speed ultimately saved a \$100 million deal for Sun. He was named on a patent awarded to Xerox for this effort, and was also awarded "Sun Employee of the Quarter."

enterprise web development, and data visualization.

He is an expert in Graphical User Interface (GUI), Data Visualization and functional interaction design (UX). He has designed graphics, websites, portals and interfaces for a variety of clients (from enterprises, to corporations, to start-ups) on a variety of hardware and new media platforms. His diverse background and wide skillset allow for unique solutions, enriched creative, and definitive user experience.

Kevin Casey, LICSW - SVP Veterans Services, MTS Group & MTS



Kevin most recently served as the Network Homeless Coordinator for VA New England Healthcare System. He oversees the VA's homeless programs, contracts, and grants throughout New England as well as the Prison Reentry and Jail Diversion initiatives. Kevin has over 44 years of experience in Social Work and Mental Health, having worked for many years in State, Public and Private psychiatric hospitals.

He has served as the Associate Director of Mental health for the prison system in MA, and has over 25 years of teaching experience on the graduate level at both Simmons College and Boston College Graduate Schools of Social Work and for a number of years held a Harvard Appointment through the Department of Psychiatry at Cambridge Hospital.

Kevin was brought to the VA in July of 2007 to start the Prison Reentry initiative, and subsequently the Jail Diversion initiatives. He became the New England Network Homeless Coordinator in 2011

Sales & Marketing

- ▶ As of October 2020, MTS Group became a Google Service Partner as part of the Google Cloud Partner Advantage community..
- ▶ MTS Group and Google will co-brand, and WayFinder™ will be presented as a Google service partner; WayFinder™ will be marketed by means of Google's 56 regional representatives throughout the United States which provides an established and powerful sales network. Our partnership also obviates the need for MTS Group to interact with individual state procurement practices as we will be offered under the Google umbrella.
- ▶ In short order we expect to begin training the 56 Google regional representatives who have already been apprised of our partnership. We anticipate a rapid influx of opportunities and contracts.
 - Simultaneously we will be leveraging the already established Google customer relationships, primarily in the public health sector. These relationships are highly established among:
 - (i) Over 3,000 county governments throughout the U.S. These systems support:
 - a. County court systems
 - b. County correctional systems (e.g. high-turnover jails and detention centers)
 - c. County mental health authorities
 - d. County hospital and general health care systems

- e. County children's services (e.g. DCF, foster care, etc.)
 - f. County community services consortia (e.g. housing authorities, social services, etc.)
- (ii) The 55 state and territory-level governments throughout the U.S. These systems support:
- a. State Departments of Corrections (e.g. high-turnover jails and detention centers coordinated with prisons)
 - b. State Court Systems
 - c. State Mental Health Authorities
 - d. State Substance Abuse Authorities (alcohol, opioids, methamphetamine, etc.)
 - e. State Medicaid Authorities
 - f. State Children's Services (e.g. DCF, foster care, etc.)
 - g. State-level community services consortia (e.g. housing authorities, social services, etc.)