Health Interoperability
Be Connected

TRINITY TECHNOLOGY GROUP

The Need for Health Interoperability

One of the greatest challenges that medical providers face today is the ability to move data between providers. Even when the infrastructure is in place to achieve data transfer, too often the data is compromised as it transfers, resulting in duplicate key entry, missing or incomplete data, lost billing information, and inconsistencies in timing, definitions, and interpretation of data across applications. Our health interoperability solution enables data to travel quickly and smoothly from one system to another.

A Solution to Deliver Health Interoperability

Interoperability is a framework or pattern that many different industries with a need to digitize workflows have utilized with success. The approach allows systems and devices to exchange and interpret shared data. Trinity Technology Group (TrinityTG) has fifteen years of project experience in Health Interoperability. Much of our experience has been gained by architecting, constructing, configuring, maintaining, and operating middleware. Our systems enable re-use of preexisting functionality and ensure that data can be shared across diverse and specialized systems – including everything from pathology and pharmacy to billing and **sharing**.

17
Years Providing Services

95
Full-time Professionals

19
Number of Clients

To deliver a seamless Health Interoperability solution, TrinityTG has a strong team of individuals with expert skills in the following areas:

Maintaining in-depth knowledge of data standards HL7 v.2 and v.3, CDA, ASC X12, and FHIR.

Reading and interpreting the data architecture of multiple systems, and mapping the data between them.

Facilitating process modeling and mapping between numerous distinct systems.

Sharing insights on customizations made to facilitate messaging functions between healthcare applications.

Managing security and patient data in accordance with HIPAA Compliance law.

Designing, building, and implementing an Enterprise Service Bus.

Interoperability Road Map

Our delivery of functionality in short timeframes is guided by a road map. This provides our clients with trackable deliverables and timeframes that demonstrate, with certainty, that each phase is a building block to a well-defined vision. A sneak peek into our road map highlights the following tasks in each phase:

Phase 1
Demystify interoperability and develop a road map.

Phase 2
Establish priorities, implement middleware, and document team's activities.

Phase 3
Streamline organizational business processes and provide training for staff.

What Health Interoperability Can Do

Transmitting Data across Systems
We successfully transformed and transmitted medical information, patient demographics, and health and custody schedules for nearly 150,000 inmates in California's state correctional system.

Benefitting multiple Parties
We built a system that integrates the enrollment notifications for over 12 million beneficiaries in 180 health care plans. The system generates payment remittance advice for $4 billion in monthly capitation payments, and processes over 100 million payment calculations each month.

Economic Health
We engineered a solution that tracks and stores all financial data from the investment advisors used by the State agency to manage over $100 billion in their investments, including all pricing information used to provide pricing and valuation of investment portfolios.

Trinity Technology Group

Trinity Technology Group has been building working IT solutions that solve real business problems for over 15 years in Sacramento. Our team of talented professionals – from business analysts to seasoned developers, quality assurance analysts to project managers – work hand-in-hand with you to create formal plans for each critical process and to deliver the solution your department needs.

We Build Things. | trinitytg.com | trinity@trinitytg.com | (541) 760-4774