

The Better Way to Exchange Health Data

NEXT GENERATION TECHNOLOGY



ARTIFICIAL INTELLIGENCE



AUTOPILOT MODE



MODULAR ARCHITECTURE



MACHINE LEARNING

KEY FEATURES

- FHIR Compatible
- Interactive Dashboards with Built-in BI
- Rule Based Integration and Routing
- Visual Transformer – Drag and Drop
- Visual Schema Designer
- On Premise, Cloud and Hybrid Hosting
- Re-usability of Existing Interfaces
- Track and Reprocess Messages
- Real-time Monitoring
- Record/Audit Trail of Errors
- Standardized Error and Exception Logging

Introducing **DataConnect** - a lightweight, scalable interface engine which addresses the business and technical challenges of data migration and healthcare system integration.

TRUE INTEROPERABILITY FOR HEALTHCARE SYSTEMS

DataConnect is a user-friendly, flexible, and comprehensive solution to configure, test, and deploy interfaces and ETL profiles. It enables ecosystem integration and real-time interaction with other entities to help achieve your digital transformation goals. With reduced time-to-market and implementation costs, you are assured of reduced opex, and achieving best ROI results.

Ecosystem Integration Capabilities

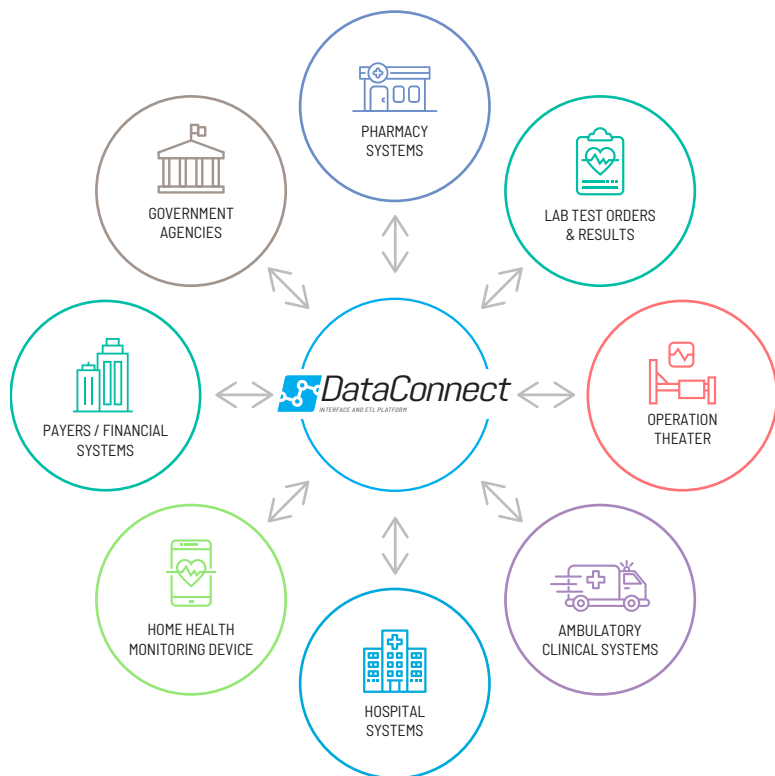


Figure 1: DataConnect allows you to seamlessly configure, test and deploy interfaces across multiple touch-points

SCALABILITY REDEFINED

Messaging

Supports FHIR 4.0, HL7, X12, NCPDP, IHE, DICOM, XML, Binary and Legacy Formats

Web Services

Compatible with SOAP, REST, (s)FTP, Database and TCP Protocols

Multi-Modular

Integration, Extraction and Conversion – Discrete and Document Conversion

Capacity Upgrades

Allows incremental increase in capacity to meet expansion in usage demands/transaction volume

SECURITY FEATURES

- 1 Single Sign-On
- 2 Identity and Access Control
- 3 Federated Identity Management
- 4 Encryption Algorithms
- 5 Role-Based and Group-Based Access



CITI has been a crucial part of our support, integration and conversion team. They have helped us reduce cost and increase efficiency by introducing platforms to automate processes; and deploying highly-skilled consultants to our organization.

Chad Capule

Associate CIO
The GW Medical Faculty Associates

WHY DATACONNECT

We use **Artificial Intelligence (AI)** to see the holistic view of a record and with the proprietary algorithmic interpretation of the key elements, we make data connection decisions. These decisions help us build our **Machine Learning (ML)** algorithms to automate data interpretation and translation. These features and more, lead us to an **Autopilot (AP)** mode with a low-touch solution costing less in resources and time.

Data Predictions Made Easy

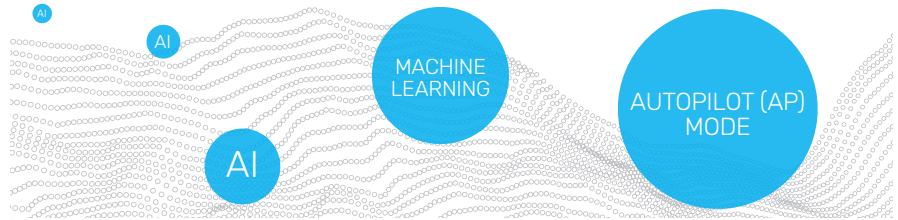
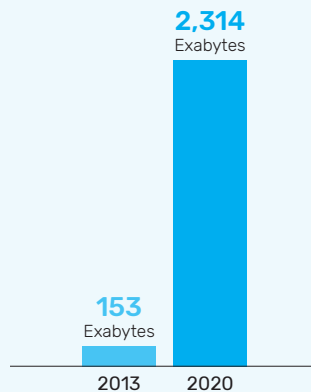


Figure 2: Automating data interpretation and translation through DataConnect's Artificial Intelligence and Machine Learning algorithms.

The changing landscape of the healthcare data industry

Growth in Health Data



Source: International Data Corporation (IDC)

Health data has the potential to fundamentally transform the future of health care, however managing this data is one of the key challenges.

According to a 2014 Report by *International Data Corporation (IDC)*, health data is growing at the rate of 48% annually.

A first step is to make EMRs interoperable, so that patients can freely share their information with as many providers as they wish. Allowing for truly portable records will lead not only to major improvements in the efficiency of the health care system, but to improvements in care as well.

Stay Ahead Of The Data Exchange Curve!

Call Us Today At (703) 483-4300 for a free demo and consultation by our experts



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About CITI: Established in 1996, headquartered in Falls Church, Virginia, and have offices located throughout the United States, Europe, South Asia, and Canada. CITI is a diverse organization filled with talented IT and certified business professionals. We are ISO 9001:2015, ISO 20000-1:2011, ISO 27001:2013 and CMMI-DEV Maturity Level 4 certified. As a Microsoft Gold Partner, we specialize in the creative use of agile methods and emerging technologies. CITI Healthcare's solutions and services enable organizations to enhance operational efficiencies and streamline processes while meeting regulatory compliance. CITI's team of healthcare and IT experts empower providers and payers to deliver quality, connected, patient-centric care more efficiently and cost effectively.