

## HL7 Interface Engine-Exchange Health Information Securely

The healthcare industry produces large amounts of health data that must follow strict regulations in terms of use, accessibility and transmission of electronic information. All healthcare data transfers must comply with HIPAA standards. HL7 v2 system of standards has become the workhorse of medical data integration, and healthcare providers and MedTech developers must leverage the best innovative technologies to create better, more robust data environments by implementing this standard across their environments.

Dinoct ensures fast project implementation, enabling you to spend less time on your integrations and more time on your core business. It also improves all areas of data access including all of your clinical, financial and operational workflows.

### Who can benefit from Dinoct's HL7 Interface?

#### Provider

- Adopt standardized APIs for easy access, exchange and use of electronic health information (EHI)
- Provide caregivers with necessary clinical data
- Adhere to regulatory requirements of Cures Act & Patient Access Final Rule.

#### Payer

- Maintain a secure, standards-based (HL7 FHIR) API to allow easy access to EHI
- Adhere to regulatory requirements of Patient Access Final Rule & meet its deadline
- Provide electronic provider directories
- Facilitate API access of EHI & data exchange with other payers also

#### App Developer

- Publish APIs that allow easy access, exchange and use of EHI via HL7 FHIR
- Adhere to ONC & get their API certified
- Adopt USCDI standard for data exchange & interoperability

### FEATURES

Dinoct's HL7 Interface safeguards and protects EHI and makes regulatory compliance easier by encrypting data, both while in transit and at rest. Its key features include:

- Ingest service - parse and store HL7 messages
- Converts HL7 v2 messages to FHIR R4, JSON & XML
- Monitoring & alerting capabilities
- HL7 v2 Data store
- Receives and sends validated messages through secure connection
- Highly scalable and HIPAA Compliant interface



## BENEFITS

Deploying Dinoct's high-performing HL7 interface provides a way to seamlessly interconnect the bewildering array of EMRs and platforms in use today. It uses all standard protocols, including HL7, FHIR, and others to transform and transfer health data from one format to another based on what each application requires. Take a look at some of the key advantages:

- Adherence to HIPAA and other regulations
- Creates a universal standard for the movement of health data
- Facilitates seamless and stress-free data exchange across platforms
- Resolves inconsistencies in data formats and minimizes delays in queries between EHR/EMR systems
- Saves time and cost by enabling true interoperability
- Business scalability with the ability to make changes faster

## Where lies our expertise?

Dinoct has been providing HIPAA compliant infrastructure solutions for more than 10 years. Our HL7 interface offers a scalable and reliable interoperability solution built to meet the data exchange and compliance needs of healthcare organizations.

You can trust Dinoct's HL7 Interface to consistently exchange mission-critical health information with high availability options to reduce the risk of unexpected downtime.

We also provide 24/7 emergency support services and ensure optimal installation, configuration, and ongoing maintenance at client locations.

Whether you're managing a few interfaces or a few thousand, Dinoct has the speed and reliability required to deliver your business needs, no matter what the size. Dinoct can scale to serve healthcare organizations of any size or integration requirement and can easily process extremely high message volume with modest hardware requirements.

