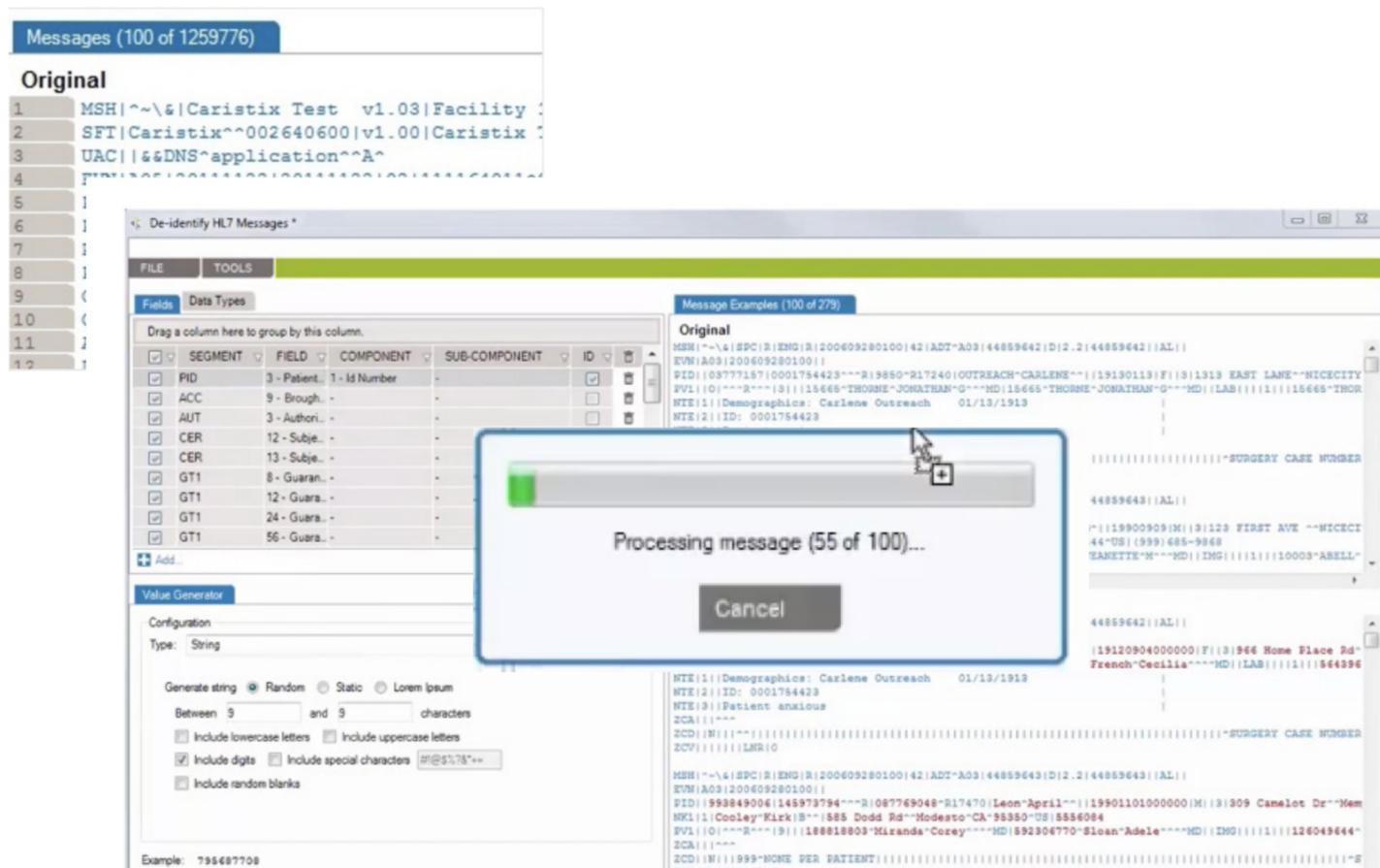




# De-identify HL7 Sensitive Data and Protect PHI

## Cloak

Scrub Protected Patient Health Information (PHI) in HL7® Messages



### Why is de-identification important in health ?

Collect and share patient data without violating individual privacy laws.

Anonymization, pseudonymization and scrubbing techniques of Patient Health Information (PHI) prevents breach of patient sensitive data.

### Key Business Uses

- ◆ HIT teams want to install, test, stage IT systems and software with real but non-sensitive data
- ◆ Assist in dealing with internal and external health partners and providers (admittance, lab orders, lab results and so on)
- ◆ Easily share health pseudonymized data with research and medical study groups
- ◆ Easily share data integration with vendors and scrubbed patient ID data
- ◆ Provide health statistics and data to the public (open data projects)

**Want to test Cloak ?** Free trial release available. Please contact Caristix



# Protecting and Securing Patient Health Information (PHI)

## Product Description

**Caristix Cloak** is an effective software tool for de-identifying HL7 messages. The software allows HIT specialists and integration engine software to generate anonymized or even pseudonymized data. Cloak is available as a standalone software for workstation or as a Web Service for server. Server Edition is best to embed de-ID within your integration engines.

## How it works ?

Cloak performs substitutions of the HIPAA 18 identifiers in HL7 messages converting them into dummy patient-ID. Cloak's persistency and source generator are strong differentiators in the health industry.

## Persistency

Cloak keeps the mapping of all original patient-ID value with their substituted identifiers (dummy). This mapping can provide the full history of all medical events per patient-ID in order to have the big picture of the clinical treatments while compliant to PHI. Which is crucial to clinical staff, health specialists, IT and many others.

## Custom substitution source generator

Cloak includes a built-in substitution fields as source generator. Cloak is customizable with your own source data for the substitution generator. The software supports 11 data sources such as SQL query, Text, Excel and so on.

Capabilities and Features	Desktop Edition	Server Edition
Compliant with HIPAA-PHI rules	◆	◆
Safe Harbor and Expert Determination	◆	◆
Customizable de-identification rules	◆	◆
Free text de-identification support	◆	◆
De-identification in batch	◆	◆
Scale up to millions of HL7 messages	◆	◆
Download data from your integration engines	◆	
Retrieve data from ODBC database	◆	
De-identify from live feed (real time)		◆
Web Service deployment		◆

## Licensing and Price

Cloak is a per-seat license for workstation and server. License is based on an annual subscription fee.

**Please contact Caristix to request a quote.**

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