



## HL7 Implementation for Health Care Client

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SOA and Connectivity

### Customer Background

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Our customer is leading the charge in transforming the next generation of healthcare. Its an American managed health care company, which sells traditional and consumer directed health care insurance plans and related services, such as medical, pharmaceutical, dental, behavioral health, long-term care, and disability plans. They have the vision, the technology, the products and the people to connect you to the care you need and help you better and understand your options. And they offer solutions for the challenges of a changing health care system. It is also a member of the Fortune 100.

## **Technology**

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The following technologies were used in this implementation :

- Mercator 6.5
- HL7
- HIPAA X12
- SQL Server
- Windows
- UNIX

## **Benefits**

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- Enabled HIPAA compliance
- Enhanced business communications
- Ten progressive years in providing end-to-end B2B, Business Integration, Portals, Application Development and SOA solutions and services to help both large & mid-sized businesses
- We specialize in insurance , healthcare , utilities , automotive and logistics Industry Verticals
- Premiere Business Partner with IBM and SOA Specialty Partner with IBM along with Strategic alliances with Oracle, SAP and Microsoft
- Hosts an IBM Business Partner Innovation Center (BPIC)
- Global Development Centers across India, Australia and United Kingdom
- More than 1300 consultants across the globe

## **Business Challenges**

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Our client being a diversified healthcare company , they have document transactions in huge numbers in processing the patient claims, finance, and administration related documents as a big challenge across their table. To balance the flow for their Integration engines, they need to handle different kind of transactions and then convert them into their Proprietary format

that would help them to make a smooth execution of their day-to-day business operations.

## **How Miracle helped them?**

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Miracle enabled customer in processing clinical information received in HL7 format from its plane sponsors and translated clinical information to their Proprietary format. Translation was done using Mercator and deployment of runtime components was done on AIX. There were various interfaces using Mercator to transform data from one format to another and to load the data into the DB using Database Adapter. Miracle followed MSDM (Miracle Software Development Methodology) designed with vast experience in application development and support. This methodology was modeled on the basis of Rational Unified Process and Agile methodologies taking the best out of these two standards.