



Shasta DataDirector

Northern Inyo Hospital Case Study
Updated November 15, 2007

Northern Inyo Hospital in Bishop, California is a 25 bed not-for-profit district hospital. The IT staff was running an unsupported, custom interface engine that was developed by an in-house programmer. Northern Inyo chose the Shasta DataDirector in May of 2004 because it offered features that competitors lacked. The DataDirector was a turnkey, network appliance at a fraction of the price of competing products.

One challenge was to replace the custom, unsupported engine with a solid, commercial product that was easy to learn and quick to set up and start using. The DataDirector implementation took one week for installation, configuration and conversion of 12 existing interfaces. Training was conducted on-site during implementation week with an additional training session conducted via the web and telephone.

Another challenge was that Northern Inyo did not have the capability for a parallel environment for testing the implementation. The implementation was a live conversion of running, HL7 data feeds. This challenge was accepted and successfully accomplished in a short amount of time. Shasta engineers had to get the job done 100% right the first time.

Northern Inyo continues to use the Shasta DataDirector and, since the initial implementation, has independently added 6 more interfaces incurring no additional cost and 8 more interfaces using Shasta Professional Services.

As of November, 2007, Northern Inyo

- Runs 26 interfaces
- Handles 833 messages/hour, 20,000 messages/day, 600,000 messages/month
(Traffic has more than doubled since 2004 with no additional hardware or software cost)

Interfaces with vendors include

- QuadraMed Affinity, HL7 - ADT, Labs, Charges
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- GE Centricity, HL7 - ADT, Orders, Results
- Citation Lab, HL7 - ADT, Orders, Results
- Orchard Lab, HL7 - ADT, Orders, Results, Charges
- FutureNet Dictation, HL7 - ADT, Reports
- Omnicell/Pyxis Robotic Dispenser, HL7 - ADT
- OnTrack ER, HL7 - ADT
- Infinisys Document Management, JDBC - ADT
- Accounting, Custom HL7 - Charges
- Han's On Ascend Pharmacy, HL7 - ADT, Charges
- QuadraMed Tempus Scheduling, HL7 - ADT, Master Files