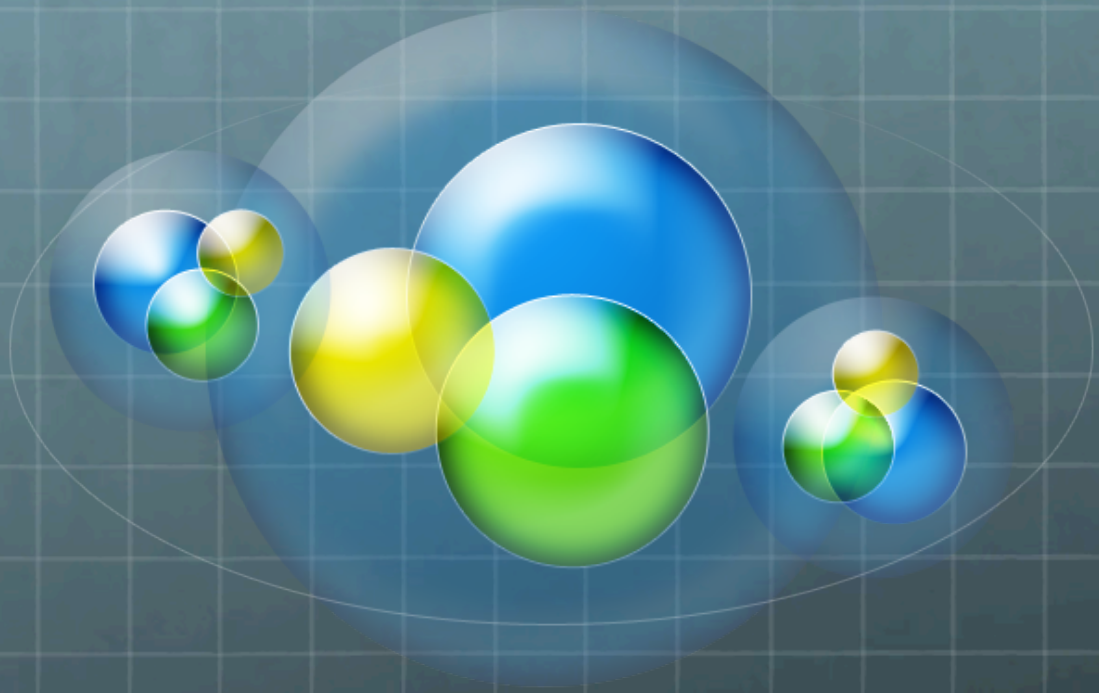

Modernizing HealthCare Applications with Micro Services

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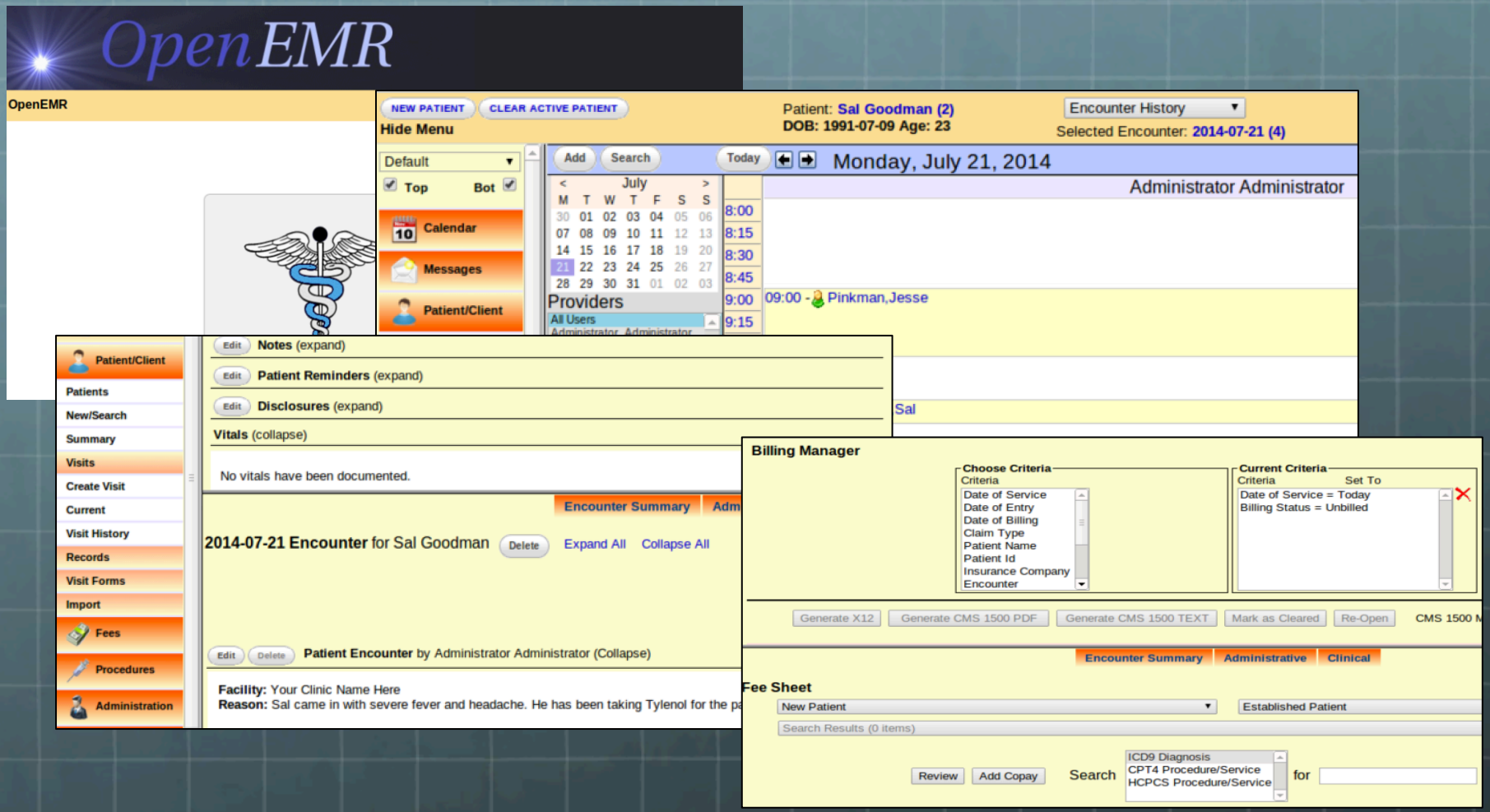
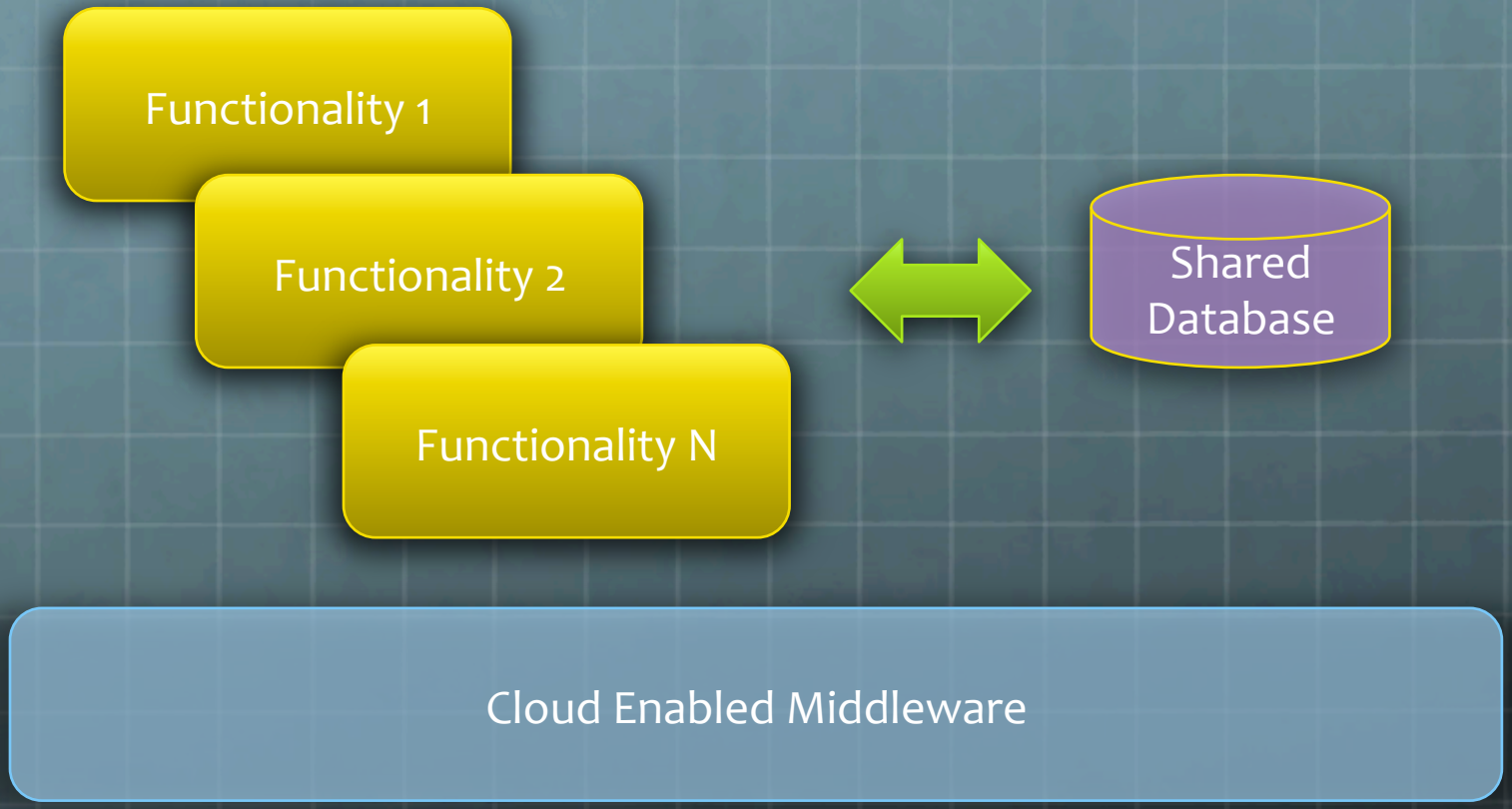
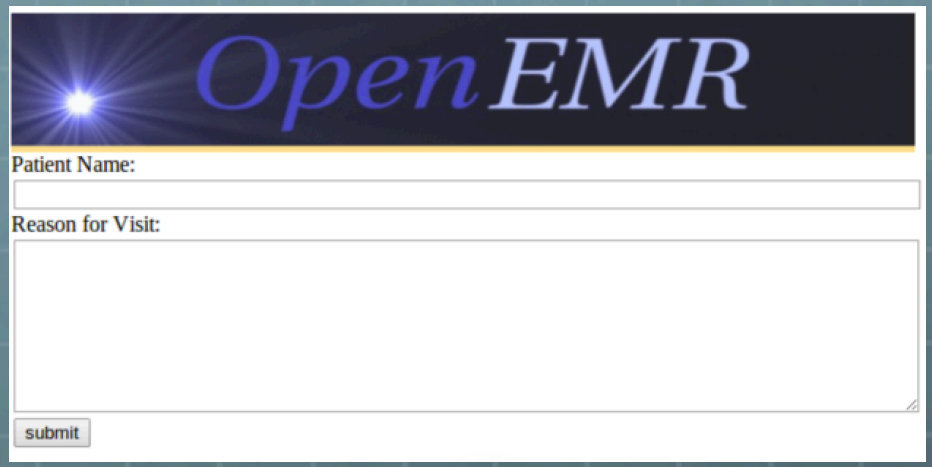
Pivotal Solutions Architect



- Health Electronic Medical Record tool OpenEMR provides a lot of functionality in one Monolithic Application
- Monolithic architecture makes it difficult to manage, update and add new functionality

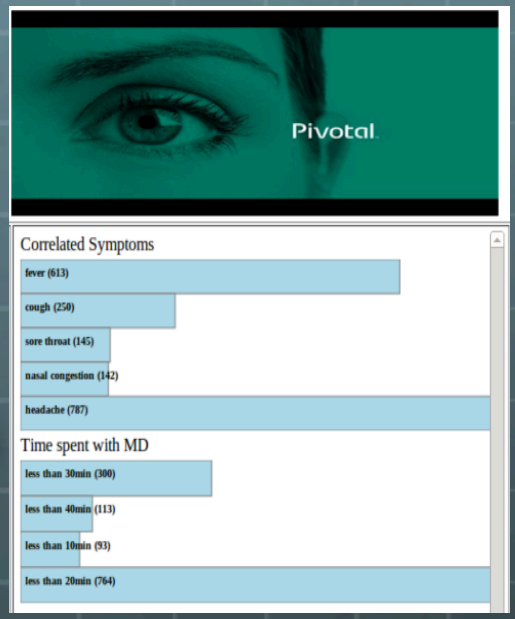


- Micro services architecture can help with manage-ability of distinct applications and services, and facilitate analytics driven model
- Cloud enabled runtime can help with software lifecycle and application deployment and movement between infrastructures



Cloud Enabled Middleware

- An patient portal application can be built separately that can service many users, such as allow patient themselves to schedule visits
- Such applications can be managed and scaled independently across different instances, all sharing one central database



Cloud Enabled Middleware

- Shared patient information can then be analyzed globally to derive actionable insights
- Live patient information can be correlated with historical data or public information to discover useful relationships between similar patients