

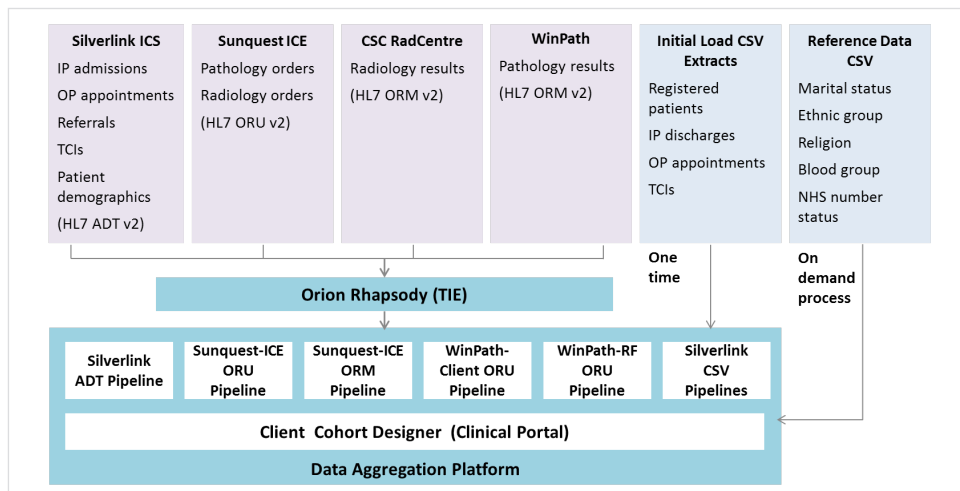
# Case Study: Clinical Portal and Ward Round App for an Orthopaedic Hospital

## Client Requirements

Client is a leading population health management services and solutions provider. One of its customer, UK's largest orthopaedic hospital, required to enhance and customize its clinical portal and the Ward Round iPad app.

Client also wanted to extend the capabilities of its population health intelligence platform to include clinical portals and inpatient Ward Round app to ensure capture of wider range of patient data. Given its expertise in clinical workflows and healthcare interoperability, CitiusTech was selected to build the solution for client's key applications.

- Developing custom MPV's, SPV's as per the requirement
- Building custom forms for the clinical portal along with scheduled workflows for creating outpatient appointments
- Creating customized views for client's Ward Round iPad app, that enabled consultants during ward visits to view relevant patient profiles on homepage, filter and view patients according to allergies and risks, create jobs for junior doctors and capture diagnoses
- Building Speed Table Pattern for Legitimate Relationship to access patient data
- Creating workflows for task chaining



## CitiusTech Solution

### Solution Design and Development

CitiusTech team conducted a detailed assessment of the client's requirements. CitiusTech put together a multi-skilled team to customize the client's clinical portal and Ward Round app and integrate the components into the client's existing system. CitiusTech services included -

- Developing parser to parse the ADT, labs and radiology HL7 data

## Value Delivered

By partnering with CitiusTech, the client was able to:

- Easily manage referral appointments with an enhanced and customized portal and app
- Build a flexible and robust healthcare data model that could process high volumes of data
- Leverage CitiusTech's integration expertise to interface with the existing modules
- Reduce overall development cost by leveraging CitiusTech's global delivery model

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## About CitiusTech

CitiusTech is a specialist provider of healthcare technology services and solutions to medical technology companies, providers, payers and life sciences organizations. CitiusTech's services and solutions include healthcare software development, healthcare interoperability, regulatory compliance, BI/analytics, consumer engagement, care coordination and population health management.

CitiusTech helps customers accelerate innovation in healthcare through a number of solutions and accelerators for clinical quality reporting, healthcare big data, cloud computing, mobile health and predictive analytics. With cutting-edge technology expertise, world-class service quality and a global resource base, CitiusTech consistently delivers best-in-class solutions and an unmatched cost advantage to healthcare clients worldwide.

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