

# Electronic Medical Records Solution

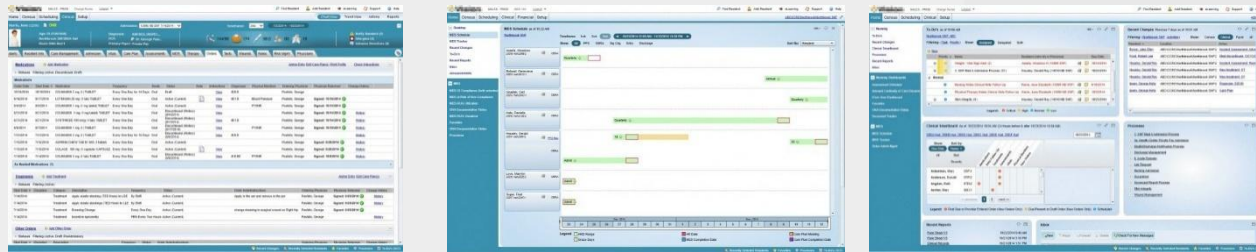
The client is a leading provider of EMR solutions in the non-acute segment of the healthcare market. The EMR platform streamlines clinical, financial and reporting operations for long-term, post-acute and home care providers. It assists care providers to create and maintain patient admission, insurance, diagnosis, lab orders and care plan.

OFS worked along with the client team as an extended engineering team over two years and implemented the following features in the EMR platform:

- We automated the sending and receiving process for patient's lab and radiology order, which eliminated the existing manual process.
- We integrated this process with a third-party product service to push orders to the labs, receive order results in XML or HL7 format, and map order results to relevant patient information in the EMR platform.
- Since Silverlight support in modern browsers is getting deprecated, we migrated existing solution components built in Silverlight to all browser-supported components.

## Business Benefits:

- We helped the client re-engineer the platform on time to accommodate new technologies and procedures for providing a quality solution for patient care.
- The manual process has been automated so the user can receive lab and radiology reports quickly.
- We removed the deprecated browser tags across the existing code base and migrated to support all browsers.



## Key Highlights

- Automated the system where the users can order lab and radiology reports from the EMR platform
- Set up a gateway where EMR-Link can push order results to EMR platform
- Enabled provision of controlled and non-controlled medications for discharge patients
- Made this platform browser agnostic by replacing deprecated browser tags across the existing code base
- Converted Silverlight version of existing Vision application to HTML5 with Kendo UI & Typescript

## Technologies

- ASP.NET, VB.NET, C#.NET, MVC Pattern, HTML5, CSS3, JavaScript, Kendo UI, Bootstrap, TypeScript