



Sync Viewer – TFS7000

Company: Large Multinational Corporation

Location: Japan

Customer Description

The customer is in the software research department of a large Japanese multinational corporation, whose products and related software are being sold throughout the world, including Japan, US, The America's, Australia, Asia and Europe.

Business Need

The customer required this system as part of the TFS7000 system and required it to be used to display DICOM images and the condition of the images in photo format.

The main requirements of the project are as follows:

- | Parse DICOM images.
- | Provide patient's search function
- | Provide inspection date list and inspection equipment list for special patients
- | Provide series list for specific inspection date or specific inspected equipment
- | Display all the DICOM images of the related series
- | Display the condition of the related DICOM images in photo format

Solution Offered

The solution we delivered provided the customers TFS7000 system with DICOM a intelligent file parsing module, it further provided a photographic condition confirmation function for the DICOM images; optimizing the TFS7000 patient information retrieval process, improved patient information's retrieval efficiency. In addition;

- | Provided a powerful image display solution and accelerated the speed of image display process.
- | Provide system load balancing solution in order to improve the efficiency and stability of system updates.
- | Provide customers with detailed deployment guides; also provide detailed user manuals and easy-to-understand training materials.
- | Provide a wealth of documentation; including SRS, SDB, DDB, UTP, ITP and STP.

Technology Used

- Oracle
- ASP.NET
- MFC
- DICOM file parsing
- DICOM display
- Load balancing.

Benefits to Customer

Intechno used our business knowledge base and product proven methodologies to provide the TFS7000 system with a set of flexible DICOM file processing modules, increasing its effectiveness and handing to the customer a powerful software tool, which they were more than pleased with.

The delivered solution improved the patient information's retrieval efficiency, thus giving the users a much faster and more stable system for accessing information and increasing the turnaround time on patient information delivery.

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