FaithPLM Solutions

Simplifying complex enterprise...

Leading Indian Power Generation Company Streamlines their Vendor Data Sharing Process through Teamcenter

About Client

India's leading business conglomerates spanning over 90 countries with business interests in diverse areas, including pulp and paper, power transmission and distribution equipment and services, food processing, farm forestry, chemicals, energy, infrastructure, information technology (IT) and IT-enabled services. An established power generation company with thousands MW of generating capacity under various stages of implementation and planning.

Business Challenge

The responsibility for protecting business information has become a critical issue for enterprise-level businesses. At the same time, the number of incidents involving leaks of information is increasing drastically. This concern becomes critical even when data is being shared to external stakeholders or vendors.

Knowing the importance of data security and data ownership and after evaluating multiple vendors customer realized that it needed a partner to address above concerns and implement innovative solutions to manage valuable business data effectively within both internal and external stakeholders so as to maintain data ownership and identification of same within different business processes.

Some of the business challenges were
  ➢ Data Security

  ➢ Data Ownership

  ➢ Linking of metadata to actual data

  ➢ Data Identification within different business processes.
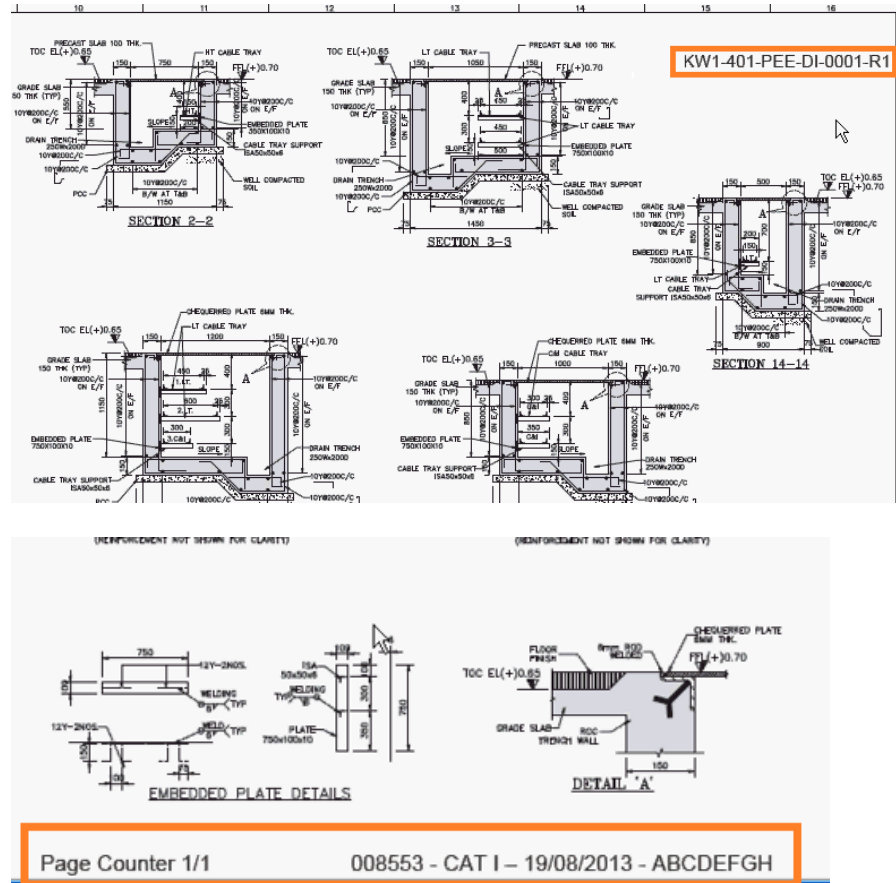
Solution

 While involved in this engagement we delivered following solutions

  ➢ **Business Process Mapping**
    Used existing Workflow Designer Application of Teamcenter to design workflow while utilizing maximum OOTB handlers and configurations so as to reduce implementation cost.

  ➢ **Data Security**
    Considering this as one of the major concern, solution was designed to ensure complete ownership of the data and copyright of the contents so as to discourage external stakeholders to copy/print data or contents of data intentionally/unintentionally.

  ➢ **Watermarking Solution**
    Watermarks are text or pictures that appear behind document text. They often add interest or identify the document status. We integrated PDF watermarking tool to watermark desired information on PDF and thus made sure data ownership while transferring data to external stakeholders.

  ➢ **Automation**
    Custom extensions were written to automatically invoke watermarking on document. Runtime information was fetched from Teamcenter server and watermarked the same on document. This was also controlled by workflow handlers so that watermarking would be

invoked only after attaching particular release status.

➢ **Support**
Good solution is always accompanied by continuous support. At the same time it is also important to deliver highly technical support. With the availability of our dedicated team at our offshore center, we ensured continuous support to our client and in turn ensured minimal hampering on customer business.

Result

Based on the solutions we provided, our client now has a strong platform to align its PLM practises in accordance with its business to leverage maximum benefits out of it. These Solutions helped our client on various fronts:

➢ Data Security
➢ Part information getting watermarked on data.
➢ Aligning Copyright policy in accordance with the business
➢ Streamlined data sharing policy amongst vendors.
➢ Data Ownership and identification.

Why FaithPLM Solutions?

After evaluating multiple vendors FaithPLM Solutions was chosen by the customer for its most cost effective and innovative solution. With the availability of existing infrastructure and without additional implementation overheads FaithPLM Solutions has effectively deployed solutions while considering the importance of business processes.

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