



The customer

Carestream diagnostic imaging and healthcare information technology systems are used in 90 percent of hospitals worldwide.

The project

The integration of Mentor Expedition and Aras Innovator.

The challenge

The management of the entire Mentor Library in PLM.

ABOUT THE CUSTOMER

Carestream Health is a worldwide provider of medical and dental imaging systems and IT solutions; X-ray imaging systems for non-destructive testing; and advanced materials for the precision films and electronics markets.

With operations in 170 countries and more than 800 patents for medical and dental imaging and information technology, the company remains at the forefront of

numerous technological advancements in imaging and healthcare IT.

Carestream is a global market leader in:

- Medical Imaging and Healthcare IT
- Dental Imaging and Practice Management Solutions
- Non-Destructive Testing
- Advanced Materials and Contract Manufacturing

Customer problems

The main challenge was to manage the entire Mentor Library in PLM, including parts data, symbols and footprints. The information for each individual part, symbol or footprint needed to be stored in Aras (both in binary form and human-readable – symbol/cell previews, pin mapping in text form). However, Mentor Graphics software requires a global Mentor library, that is stored on the network drive in Carestream (it is called a “Cache Library” in customer terms).

Additionally, they required an easy-to-use interface for the BOM upload, from the design to PLM.

Requirements

- Import existing Mentor library to Aras.
- Automate transfer of the library data from Aras to sandbox library for modification.
- Automate update of the global library when the part is released in PLM.

- Upload design BOM to PLM and create BOM XLS report in a specific format.

The journey

1. Implemented module for the initial library load (this was used several times in the test and production environment).
2. Implemented module for sandbox library management (check-in and check-out of each individual item separately).
3. Implemented module for the BOM upload

Implementation

The project started in 2010 and is still supported. Right after shipment, XPLM provided the ECAD engineers with basic training, after which no additional trainings was required due to the intuitive and easy-to-use solution.

CUSTOMER BENEFITS

- With this special Mentor to Aras Innovator Integration, the Carestream ECAD Engineers and Librarians can concentrate on their jobs, without doing routine tasks with PLM.
- The time they are saving due to this integration is a major benefit for the business.

Headquarters

XPLM Solution GmbH
Altmarkt-Galerie Dresden, Altmarkt 25
01067 Dresden, Germany

Office +49 351 82658-0
Fax +49 351 82658-88

Office USA

XPLM Solution Inc.
255 Park Avenue Suite 703
Worcester, MA 01609 USA

Office +1 508 753-7500
Fax +1 508 753-7578

Contact

Mark Caradonna
Director Sales & Business Development
mark.caradonna@xplm.com