

Job Title: **PLM Automation Expert**

Job Type: Full-Time

Shift Type: First Shift (Day)

Location: Cincinnati, OH

Job Description: We are currently recruiting PLM Automation Expert for an open position within PCC Aerostructures Division. This position is located out of Cincinnati, with approximately 5% travel required to other PCC Aerostructures facilities worldwide.

Summary

Work closely with Division Manager of PLM Automation to leverage Dassault Systemes PLM Solutions to standardize, streamline, and automate current manufacturing processes across the enterprise. Develop and test automation projects and knowledge-based approaches could be used to increase quality, lower NC programming time, and reduce scrap across machine types and part types.

Responsibilities:

- Work within PCC Division structure to review both new and existing processes looking for key areas where PLM Automation and/or Knowledge-Based Applications could be utilized to increase profitability.
- Work with team from Dassault Systemes to architect, implement, and customize ENOVIA within PCC Aerostructures.
- Work with NC Programmers where appropriate to get their input on new automation or knowledge-based projects.
- Work to existing project plans outlining the PLM technologies to be leveraged, the application architecture, timeline, schedule, resources, and risks required in implementing a solution.
- Develop, test, and implement automation project or knowledge-based applications.
- Develop and follow metrics for each application from project definition through ROI attainment.
- Maintain corporate knowledge on latest PLM Technologies and bring these to the attention of the Director of Technology & Innovation as needed.
- Help maintain library of corporate IP around PLM Knowledgeware and Visual Basic Components so that new projects could be developed faster and all previous PCC Aerostructures investments can be leveraged.
- Support all internal automation projects and knowledge-based applications as they enter production until internal PCC Aerostructures IT Support can take over.

- Test all applications when upgrades are being considered.
- Develop, Implement, and Support connections between new automation projects and knowledge-based applications and existing PCC Aerostructures Systems.
- May occasionally perform special projects; Perform other duties as needed.

Knowledge and Skills:

- Expert-level knowledge of Dassault Systemes PLM Solutions including CATIA (V4/V5/V6), DELMIA, and ENOVIA.
- Expert-level knowledge of Dassault Systemes Knowledgeware solutions including Common Knowledge Tools, Knowledge Advisor, Knowledge Expert, Product Knowledge Templates, and Manufacturing Process Templates.
- Expert-level knowledge of Dassault Systemes automation tools including V5 and V6 Visual Basic and VSTA API's.
- Knowledge of Dassault Systemes Manufacturing Solutions including NC Programming and Administration.
- 5+ Years' experience in PLM Process optimization with specialization in automation projects.
- Proficient in the following programming languages: Visual Studio.NET, VBA, VSTA, and Java.