



Nathan Yoffa
Dassault Systèmes Delmia Corp.
Enterprise Integration

Bio

1983, B.S. Mechanical/Aerospace Engineering, Cornell University

1983-1985, Employed by General Motors Technical Research Center, and subsequently EDS, for R&D supporting the "CGS" (Corporate Graphics System) software, the primary 3D surface design environment supporting GM car programs.

1985, co-founded Deneb Robotics, and played an integral role in the company's evolution from a 5-person startup until its acquisition by Dassault Systèmes in December, 1997.

Over the years, performed a wide range of duties from R&D to training, customer-support, consulting and overall business/operations management.

Actively engaged in addressing the specific industries of automotive, aerospace, shipbuilding and Dept. of Energy/Waste Management.

Between 1998 and 2001, acted as the primary technical focal point and architect for the evolving series of Deneb and DELMIA solutions within the Boeing Company.

Between 2001 and 2008-Q1, providing direction and focus for the Global DELMIA Aerospace Solution (for all DELMIA Aerospace customers), concentrating on the ongoing evolution of the DELMIA contribution to the overall DS PLM Solution.

Since 2008-Q1, job role has changed to “Digital Manufacturing Enterprise Architect”. The focus is on the integrated use of DS-DELMIA Digital Manufacturing industry solutions in a full Collaborative-Business-Process-driven enterprise / end-end context.

Abstract

This session is focused on topics related to integrating the Manufacturing Hub (MHUB) with other business systems within an enterprise.

Specific attention will be given to the following categories of business systems: ERP, MES, PDM, Scheduling, Project Management and Change Management.

In each case the general type of MHUB use case scenario will be briefly reviewed and then details will be provided regarding general approaches which are recommended for implementing the specific type of integration. Attendees will be assumed to have knowledge of the MHUB data model and ideally, some experience with integration of business systems in the manufacturing domain.