

PAUL W. NUSS, PMP
Manager of Software Engineering, Assistant Division Manager



Educational Background

B.S., Data Processing, *cum laude*, California State Polytechnic University,
Pomona

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Professional Experience

Paul Nuss joined STI in 2009 and serves as the Assistant Division Manager for Software Engineering in STI's Atmospheric Modeling and Information Systems Division. He is responsible for all software development at STI, which includes coordinating and directing systems engineering, web services, and database development teams. Mr. Nuss was awarded a Project Management Professional (PMP) certification from the Project Management Institute (PMI). He has served on the Board of Directors of PMI, Wine County Chapter, since 2004 and served as Chapter President in 2005.

Mr. Nuss has more than 30 years of experience in the software development industry with over 15 years of experience successfully leading technical staff to develop, integrate, and test software solutions using a wide range of languages and approaches. He also has over 10 years of experience directly managing software projects; he has led teams through project initiation and scheduling, designing logical specifications, developing the software, managing changes, and moving the software into production.

At STI, Mr. Nuss is managing the software implementation and testing of the Interagency Fuels Treatment Decision Support System (IFT-DSS) for the Joint Fire Science Program (JFSP), which will streamline and improve fuels treatment planning and decision making. Mr. Nuss has also been involved with the development of a Smoke and Emissions Model Intercomparison Project (SEMIP) for the JFSP and is managing the development of the Fire and Fuels Application (FFA) for the Fire and Environmental Research Applications Team (FERA). He managed the software development, quality assurance, and documentation tasks for the AIRNow International system, part of which will be unveiled by the Shanghai Environmental Monitoring Center at the 2010 World Expo. This system is designed to create products such as maps and animations of air quality data with a sophisticated scheduling engine.

Before joining STI, Mr. Nuss worked for Sage Software, Inc., as the Senior Project Manager heading the development of a web-based accounting system; the Quality Assurance Manager for the Pro Series product; and finally the Director of Professional Services leading a virtual team of project managers, implementation specialists, and consultants. Prior to working at Sage Software, he worked at Fair Isaac Corporation for 21 years in a number of software development and project management positions.

Memberships

Project Management Institute
North Bay SofTECH Forum