

INCOSE Chicagoland October Meeting



Topic: "Writing Performance Requirements"

Presenter: Jim Streed, Principal Staff Engineer/DFSS Black Belt, Motorola Solutions

Date: Thursday, October 17th, 2013

Agenda: 6:00-6:30 p.m. CDT – Dinner (\$5 Member / \$8 Nonmember) & Networking
6:30-6:45 p.m. CDT – Introductions & Announcements
6:45-8:00 p.m. CDT – Presentation and Q&A

Locations:

1. **Schaumburg, IL** – IBM, 10 N. Martingale Dr., Schaumburg, IL 60173 (2nd Floor Conference Room)
2. **Lake Forest, IL** – Hospira, 375 N. Field Drive, Building H3, Lake Forest, IL 60045 (1st Floor R&D Innovation Conf Rm)
3. **Milwaukee, WI** – Astronautics, 4115 N. Teutonia Ave., Milwaukee, WI 53209 (Board Room)
4. **Madison, WI** – Bjorksten | bit 7, 7 Fen Oak Ct., Madison, WI 53718 (Mendota Conference Room)

Abstract

The performance of a system makes a lasting impression on a customer's perception of system quality. To attain and preserve the desired system performance, important performance parameters must be identified and quantified, then clearly codified in requirements. But system performance requirements are useless if they cannot be verified, or if they represent arbitrary limits that are moved if the specified performance is not achieved. How does one develop enforceable performance requirements? Using a simple sample system as a foundation, "Writing Performance Requirements" examines the pitfalls of, and offers useful practices for, specifying performance.

About Our Speaker

Jim Streed is a Principal Staff Engineer for the Motorola Solutions ASTRO mission critical two-way radio System Design team. He has worked 26 years at Motorola Solutions in hardware development, DSP software development, and system design. Jim currently serves as a performance analyst and Design for Six Sigma Black Belt. As a performance analyst, he leverages expertise in audio quality, IP network transport, and system availability to identify and mitigate technical performance risks. As a DFSS Black Belt, he drives down all program technical risk and monitors technical performance measures. Over the past 15 years, Jim has been patiently working to apply the wisdom of the industry and the discipline of systems engineering to internal process improvements. Jim earned his BSEE from the University of Illinois, and his MSEE from the Illinois Institute of Technology.

Questions?: For more information, go to <http://www.incose.org/Chicagoland/>.