



THE NORTH AMERICAN SYNCHROPHASOR INITIATIVE

WEBINAR SERIES

Synchrophasor Cybersecurity for Grid Operations

Scott Mix (Pacific Northwest National Laboratory)

Cybersecurity has been a hot topic, and with utilities deploying new technologies and moving unprecedented volumes of data, how should the operational networks and associated systems be protected?

Please join us as Scott Mix, PNNL, will discuss how synchrophasors and synchrophasor data are used in power system operations and planning, and why they need to be secured. He will provide a brief introduction to cybersecurity concepts for operational technology (OT) systems and compare them to similar concepts for Information Technology (IT). He will cover approaches and suggestions on how to protect the Synchrophasor data based on recommendations from the ISO 27000 family standards and NERC CIP concepts.



Mr. Scott R. Mix, CISSP, joined PNNL in May, 2017 following more than 35 years of experience working in various facets of the electricity industry, including as Senior CIP Technical Manager for the North American Electric Reliability Corporation (NERC), a consultant with KEMA, Inc., Infrastructure Security Manager with the Electric Power Research Institute (EPRI), Senior Security Analyst at the PJM Interconnection, and more than ten years with Leeds & Northrup Co. as a programmer/analyst and systems architect. For more than thirty years, he has focused on the areas of computer and infrastructure security for the electricity sector. While at NERC, he was a staff subject matter expert for Critical Infrastructure Protection (CIP) standards, and participated in the ongoing development of the revisions to the NERC CIP Standards, and served as the NERC Staff Facilitator for the Critical Infrastructure Protection Committee (CIPC) and several of its working groups and task forces.

At PNNL, Mr. Mix leads research projects dealing with operational technology cybersecurity and communications. Mr. Mix is a graduate of the Bloomsburg University of Pennsylvania with a Bachelor of Science degree in Computer & Information Science and Chemistry.

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10:00 a.m. Pacific / 1:00 p.m. Eastern (1 hr.)
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