

What people are saying about the AED CoC

“Without the AED CoC, I’d be stuck down in the weeds, unable to see over the top of my own deliverables.”

- *Ted Tschopp, IT&BI, IT Specialist/Engineer*

“I’ve seen that we are all trying to solve many of the same problems, and collectively we have already come up with solutions for some of them. There are better ways of doing business and we are finding them.”

- *James Ruther, TDBU, Project Manager*

“I like the vantage point the AED CoC offers into new technologies and trends. I get to have a voice in these discussions, which is important when you’re trying to shape how to best operationally support these new tools.”

- *Brenda Steckler, IT&BI, Operations Manager*

Membership

Membership in the AED CoC is open to all SCE employees with an interest in architecture, engineering, or design. Guests are always welcome to attend any session.

AED CoC Key Contacts

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*Experience the Power
of Collaboration*

About the AED CoC

The Architecture, Engineering, and Design Center of Competency (AED CoC) exists to share knowledge and best practices across the architecture, engineering, and design disciplines and apply them to improve solution quality and integration.

The organization's members meet regularly to present new ways of applying tools and technology in the SCE environment and discuss case studies, lessons learned, emerging trends, and the latest industry research.

Focused on current or near-term advances in technology, the AED CoC consists of both competency development activities as well as practice-oriented activities.

The value of the AED CoC lies both in the positive impacts made to many highly visible SCE projects and in the professional development benefits realized by members.

Goals

- Knowledge-sharing
- Enhanced technology and tool expertise
- Professional development opportunities

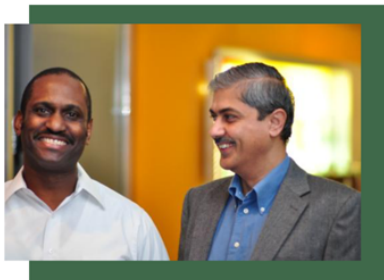
Outcomes

- Increased cross-divisional collaboration
- Increased client/business focus
- Improved solution quality and integration
- Professional development
- Body of Knowledge
- Increased agility

Communities of Practice

Through smaller, competency-based work groups known as Communities of Practice (CoPs), members collaborate on deliverables aimed at achieving greater technology understanding and standardization. These CoPs include:

- SDLC / Project Engineering
- Integrated Development Environment (IDE)
- Enterprise Application Integration (EAI)
- Wireless Application Integration (WAI)
- Java / NetWeaver
- .Net
- Service-Oriented Architecture (SOA)
- Geographic Information Systems (GIS)
- Common Information Management (CIM)
- Data Warehouse / Business Intelligence
- Data Modeling & Architecture
- Smart Grid
- Networks – Data and Telecom
- Manageware
- Clientware
- Server / Storage Systems
- Database Management System (DBMS)
- Collaboration
- Enterprise Content Management
- Usability
- Information Security



Training Courses

The AED CoC offers training courses on the methodology and processes of Systems Engineering as well as those focused on industry knowledge. These courses include:

- Foundations of Systems Engineering
- System Requirements Engineering
- System Design and Integration
- System Validation and Verification
- Rational Unified Process and Tool Training
- Gas and Electric Business Understanding



Quick Facts About the AED CoC

Launched
Spring 2007

Current Members
Nearly 200

Monthly Meetings
Last Friday of every month