Connecting The Utility World Through A Common Data Model

Founding and Current Members include:

- Ninety four companies

- Thirty electric utilities

- Many individual member contributors

- Members from twenty six countries.

A Community of:

UCA International Users Group

Enabling Interoperability For The Utility Enterprise

About the CIM Users Group

The CIM Users Group was formed in 2005, as a subgroup of the UCA International Users Group, to provide a forum in which users, consultants, and suppliers could cooperate and leverage the IEC CIM international standards to advance interoperability across the utility enterprise. The primary purpose is to share technology basics, best practices and technical resources while Advancing Interoperability for the Utility Enterprise.

What is the CIM and why is it needed?

The Common Information Model (CIM) is an abstract information model that provides data understanding through the identification of the relationships and associations of the data within a utility enterprise. This enhanced data understanding supports the exchange of data models and messages and increases the ability to integrate applications both within the enterprise and with trading partners. These trends go beyond exchange or updates of network models to the exchange of specific dynamic data within transactional messages in a real-time environment.

The CIM companion standards provide various API services and component interface specifications that, when used in conjunction with the CIM models, provide a framework for the exchange of static models, transactional messages and full enterprise integration.

Focus on Standards

The CIM Users Group is focused on helping its members obtain the benefits of adapting IEC TC57 standards for all utility operations on a global basis including:

- ❏ IEC 61970 – A comprehensive standard for power system modeling and utility energy system data exchange
- ❏ IEC 61968 – A comprehensive standard for utility distribution system modeling and messaging data exchange
- ❏ IEC 61970 Companion Standards – A set of Generic Interface Definition (GID) Services and Component Interface Specifications that provide a framework for integration including:
  - o Generic Data Access (GDA) – 61970-403
  - o High Speed Data Access (HSDA) – 61970-404
  - o Generic Eventing and Subscription (GES) – 61970-405
  - o Time Series Data Access (TSDA) – 61970-407
  - o CIM XML Model Exchange – 61970-452
  - o CIM Graphics Exchange – 61970-453

Benefits of Membership

The CIM Users Group helps our members utilize best practices in applying IEC 61970 and IEC 61968 CIM standards for information exchange and system/application integration in their own utility enterprise. As a member you can realize the following benefits:

- ❖ Web site access to events, forums, task forces, and links to all CIM-related resources
- ❖ Support for product testing certification activities to lower implementation costs
- ❖ Access to information on standards activities
- ❖ Access to educational materials
- ❖ Input to international standards activities at minimal cost and effort
- ❖ Members-Only access to:
  - o Technical Issue Resolutions
  - o Industry experts via a global help desk
  - o Technical documents and best practices from existing users
  - o On-line discussion forums
- ❖ Gain valuable insight from peers and benefit from sharing common solutions
- ❖ Discounts on paid seminars and exhibitions
- ❖ Support and participate in a community effort to establish useful standards for our industry
- ❖ Make your company's leadership visible in the industry

Group Activities

Members work together in the following activities:

- ❖ Educational seminars and conferences
- ❖ Gathering community input to specifications and standards
- ❖ Task forces to deal with specific CIM-related issues
- ❖ Development of certification and test systems and procedures
- ❖ Promotional events and exhibits

Our Mission

The CIM Users Group is dedicated to managing and communicating issues concerning the TC57 IEC 61970 and 61968 standards and to serving as the primary means for developing consensus and consistency across the industry.

CIM User Group Goals

- ✓ Provide liaison with other standards groups and assess the impact of other standards on the form, scope and content of the CIM
- ✓ Provide a central Repository for CIM issues, models, messages and expertise
- ✓ Provide a central Repository for CIM-based message payload designs and schemas
- ✓ Promote the CIM, GID and other IEC TC57 standards
- ✓ Provide a single point of contact for CIM Model Management and issue resolution.
- ✓ Provide awareness of CIM products and implementations
- ✓ Provide a Help Desk for members to obtain timely and accurate answers

For membership options and fees please contact us:

By E-Mail:
Send an e-mail message with your contact information to:
join@ucausersgroup.org

By the Web:
Go to:
http://www.ucaiug.org/join/default.aspx
and complete the application

By FAX
Send a Fax with your contact information to:
Fax: +1-919-869-2700

By Mail:
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