

About the CIM Users Group

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

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.

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CIM Users Group (CIMUG)

Description:

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.

Stakeholder(s):

UCA International Users Group :
Enabling Interoperability For The Utility Enterprise

- *Thirty electric utilities*
- *Many individual member contributors*
- *Members from twenty six countries*

CIMUG Members :
Founding and Current Members include:

- *Ninety four companies*

Vision

Connecting The Utility World Through A Common Data Model

Mission

To manage and communicate issues concerning the TC57 IEC 61970 and 61968 standards and to serve as the primary means for developing consensus and consistency across the industry.

Values

Standards

Consensus

Consistency

Interoperability

1. Liaison

Provide liaison with other standards groups and assess the impact of other standards on the form, scope and content of the CIM

Stakeholder(s)

Standards Groups

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2. Issues, Models, Messages & Expertise

Provide a central Repository for CIM issues, models, messages and expertise

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3. Designs & Schemas

Provide a central Repository for CIM-based message payload designs and schemas

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4. Standards

Promote the CIM, GID and other IEC TC57 standards

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5. Contacts

Provide a single point of contact for CIM Model Management and issue resolution

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6. Products & Implementations

Provide awareness of CIM products and implementations

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7. Help

Provide a Help Desk for members to obtain timely and accurate answers

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