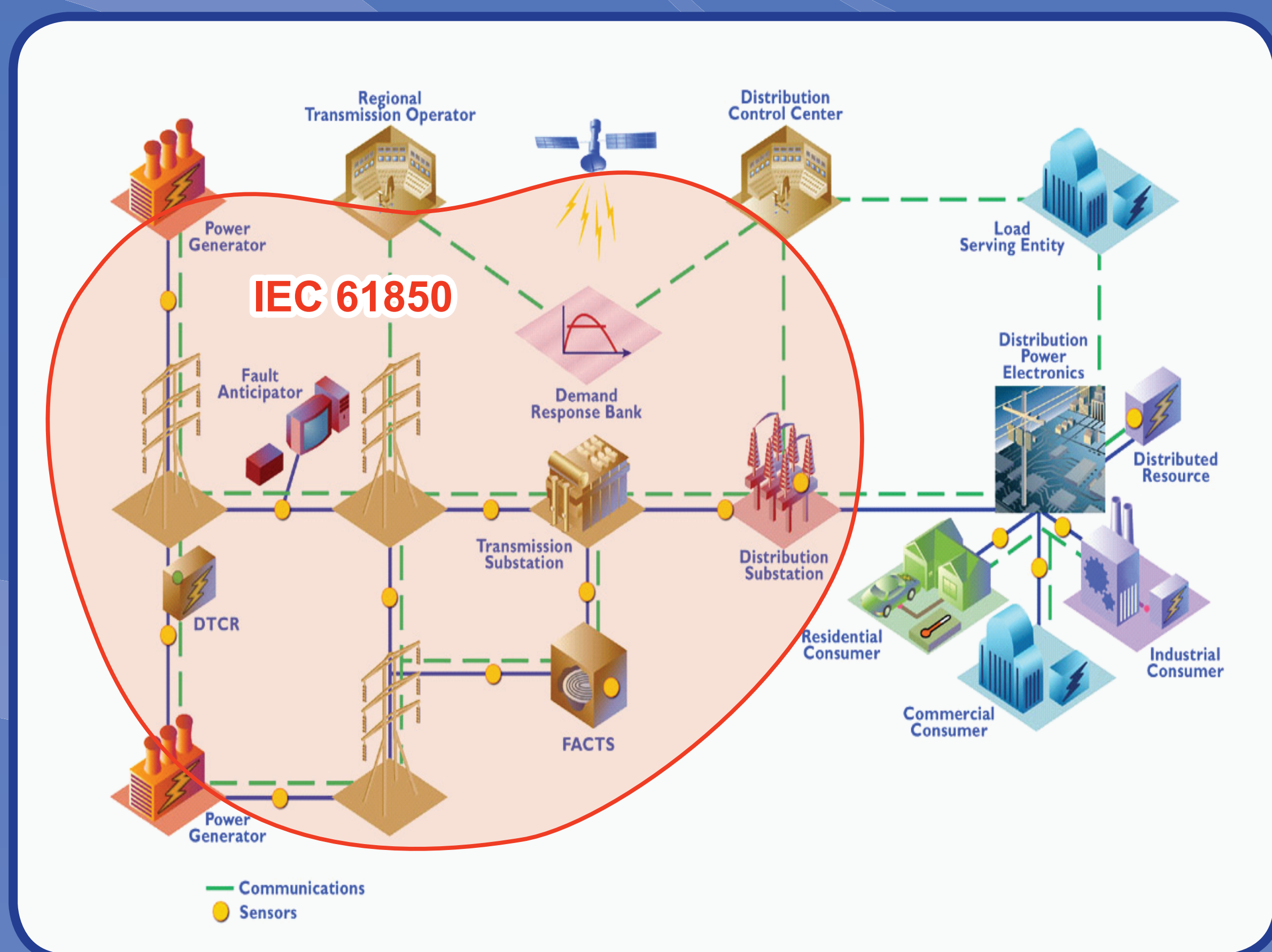




IEC 61850 users group

The IEC 61850 Users Group is a user community of **UCAIug** focused on the IEC 61850 standard for substation automation, communications, and configuration. The IEC 61850 Users Group delivers value by helping members adopt and gain the maximum benefit from using IEC 61850 via an industry supported forum that provides:

- A quality assurance program to certify test procedures, systems and laboratories.
- Educational activities to increase knowledge of the applications and benefits of IEC 61850.
- A technical issue resolution process enabling users to provide input to the standards.



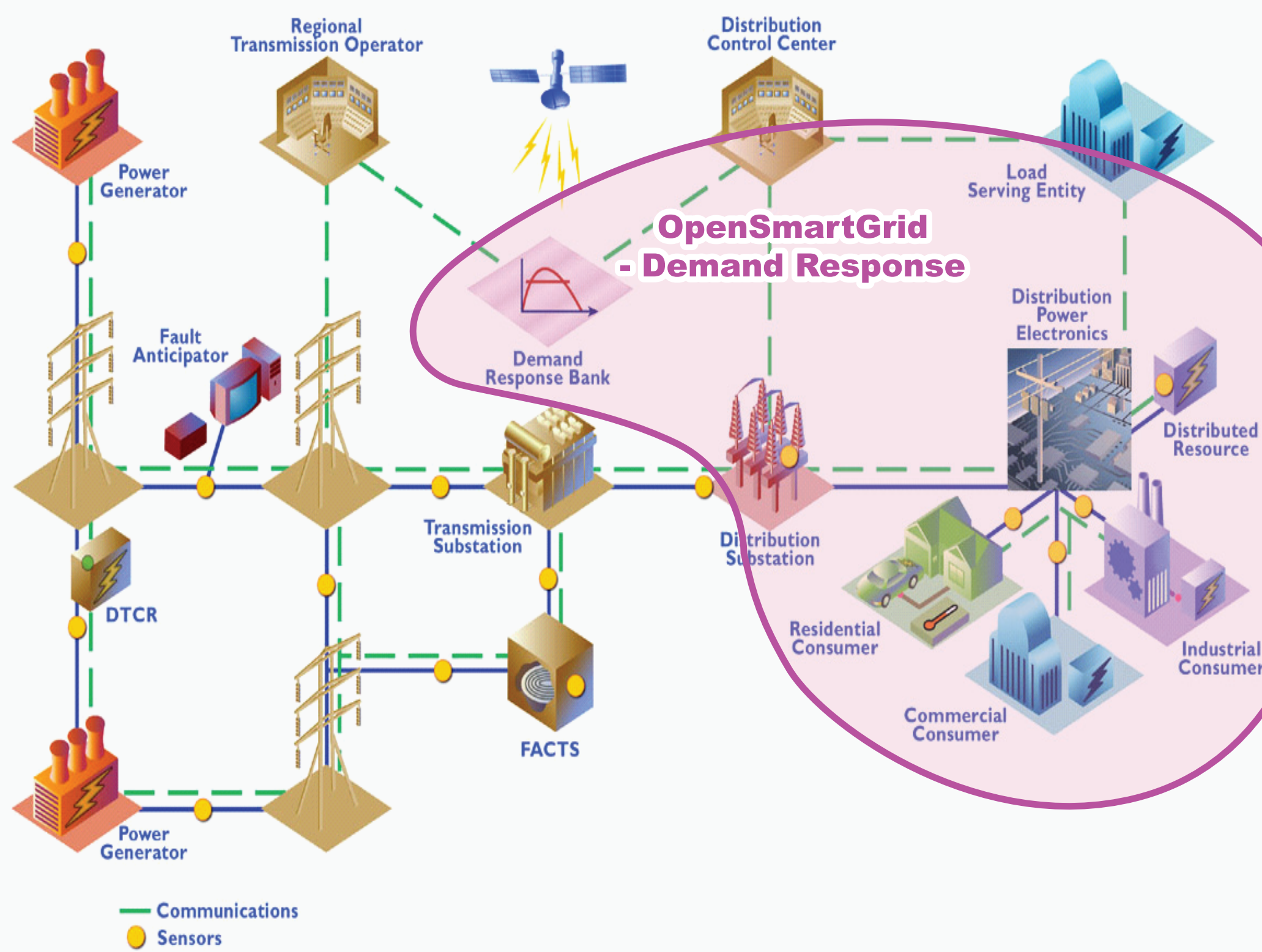


OpenSmartGrid users group

Under the administrative umbrella of the UCA International Users Group, a not-for-profit corporation dedicated to define serviceability, security and interoperability guidelines for Advanced Metering Infrastructure (AMI) and Demand Response (DR) from a utility / energy service provider perspective.

Community Objectives

- Facilitate the Adoption
- Define the meaning of Open Standards
- Diminish Technical and Functional Risks
- Empower Consumers
- Foster Innovation, Efficiency and Lower Cost





CIM

users group

Connecting the Utility World Through a Common Data Model

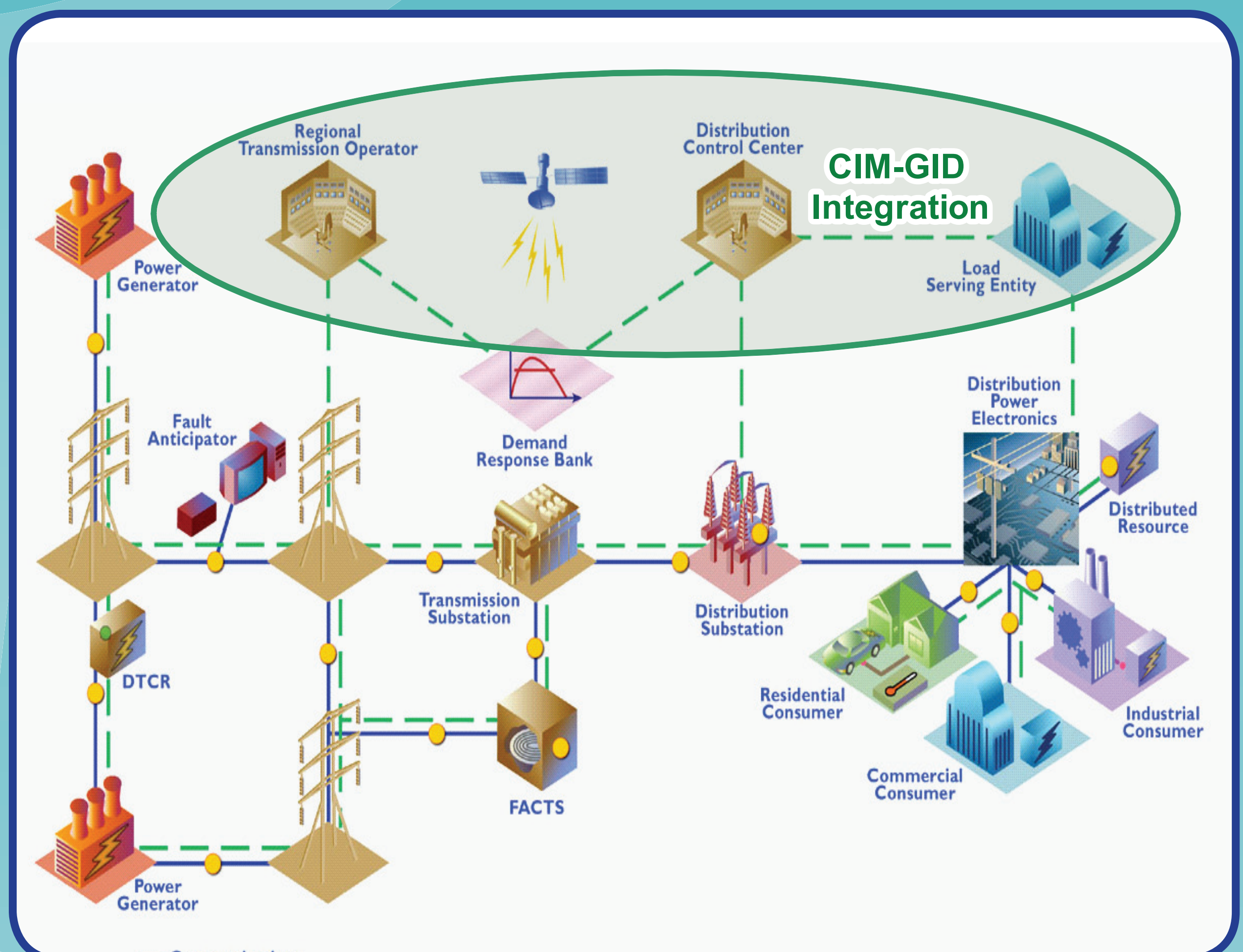
Dedicated to enabling interoperability and system/application integration across the enterprise through the use of the IEC CIM international standards. Our primary purpose is to share technology basics, best practices and technical resources to help our members obtain the benefits of adapting the IEC Common Information Model (CIM) and Generic Interface Definition (GID) for all utility operation

Benefits of Membership:

- Web site access to events, forums, task forces, and links to all CIM related resources
- Access to CIM draft standards
- Input to international standards activities
- Access to industry experts via a global help desk
- A forum to shorten the learning curve by sharing experiences and lessons learned with industry peers
- Influence the standards content

Activities:

- Membership in Task Forces to deal with specific CIM-release issues
- Gathering community input to the specifications and standards
- Educational seminars and conferences
- Input to the certification and testing process for application/product compliance to standards





UCA

International
Users Group

Advancing Interoperability for the Utility Enterprise

Dedicated to enabling utility integration through the development of open standards by providing a forum in which the various stakeholders in the utility industry can work cooperatively as members of a common organization.

The UCAIug provides members with a broad technical focus and a forum to facilitate the adoption of IEC standards. UCAIug members have access to:

- **IEC 61850 Users Group** - Substation automation, communications, and configuration.
- **CIM Users Group** - Power System Modeling and data exchange for energy management and distribution management systems.
- **OpenSmartGrid Users Group** - Demand response and advanced metering initiatives for SmartGrid application.

