

CIM Users Group Intro and Benefits

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UCA International Users Group

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<http://www.cimusersgroup.org>

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.

CIMug Activities

- 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
- 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



Benefits of CIM Based Integration

- Enables exchange of power system models for transmission system coordination and control (ISO ↔ Utility, etc.).
- Models provides meaning and context to data reducing proprietary and arcane tag based references.
- Models contain configuration data enabling a reduction in configuration and maintenance efforts.
- CIM, GID, and integration bus technologies reduces complexity and costs.
- Standardized services enable independent interoperable application and adapter development (i.e. “plug-n-play”).
- Utilizes common approach across many industries.

But Why Join the CIM Users Group?

Benefits of Membership

- Shorten learning curve with access to educational materials and experts
- Gain timely access to information on standards activities
- Gain valuable insight from peers and benefit from sharing/accessing common solutions
- Support and participate in a community effort to establish useful standards for our industry
- Make your company's leadership visible in the industry

Bottom-Line Benefits

- Test and certification activities that **lower costs** for users
- **Provide input to international standards activities at no additional cost and no travel**
- Members only access to:
 - Resolution of technical issues related to standards
 - Industry experts via a global help desk
 - **Technical documents and best practices** from existing users
 - On-line discussion forums
- **Discounts** on seminars and exhibitions

CIMug is part of UCAiug



UCAIug Mission

- Advancing Interoperability for the Utility Enterprise via support for international standards:
 - Educational Activities
 - Improvement Process for International Standards
 - Testing and Certification
 - Promotional Activities

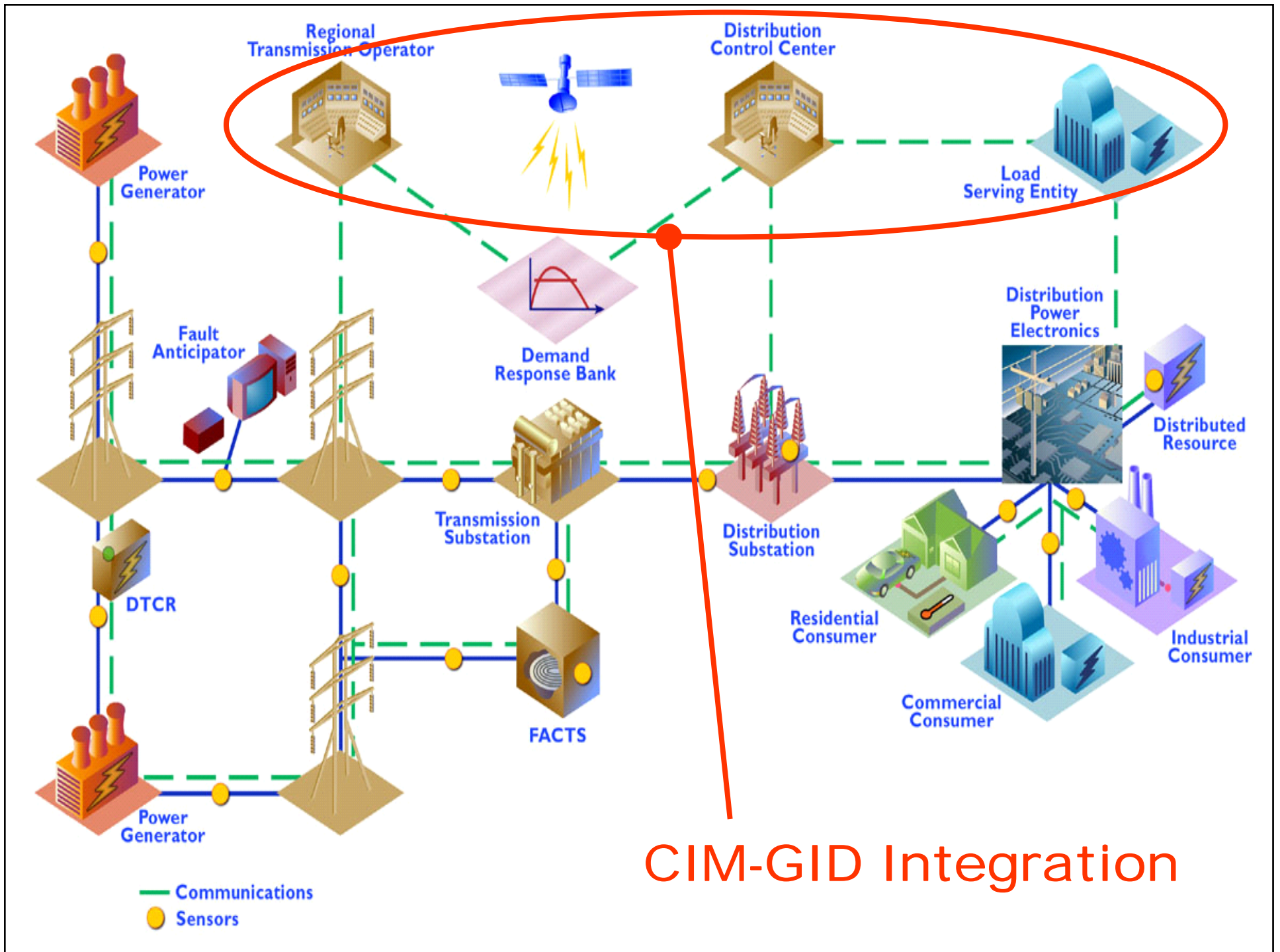
Broad Technical Focus

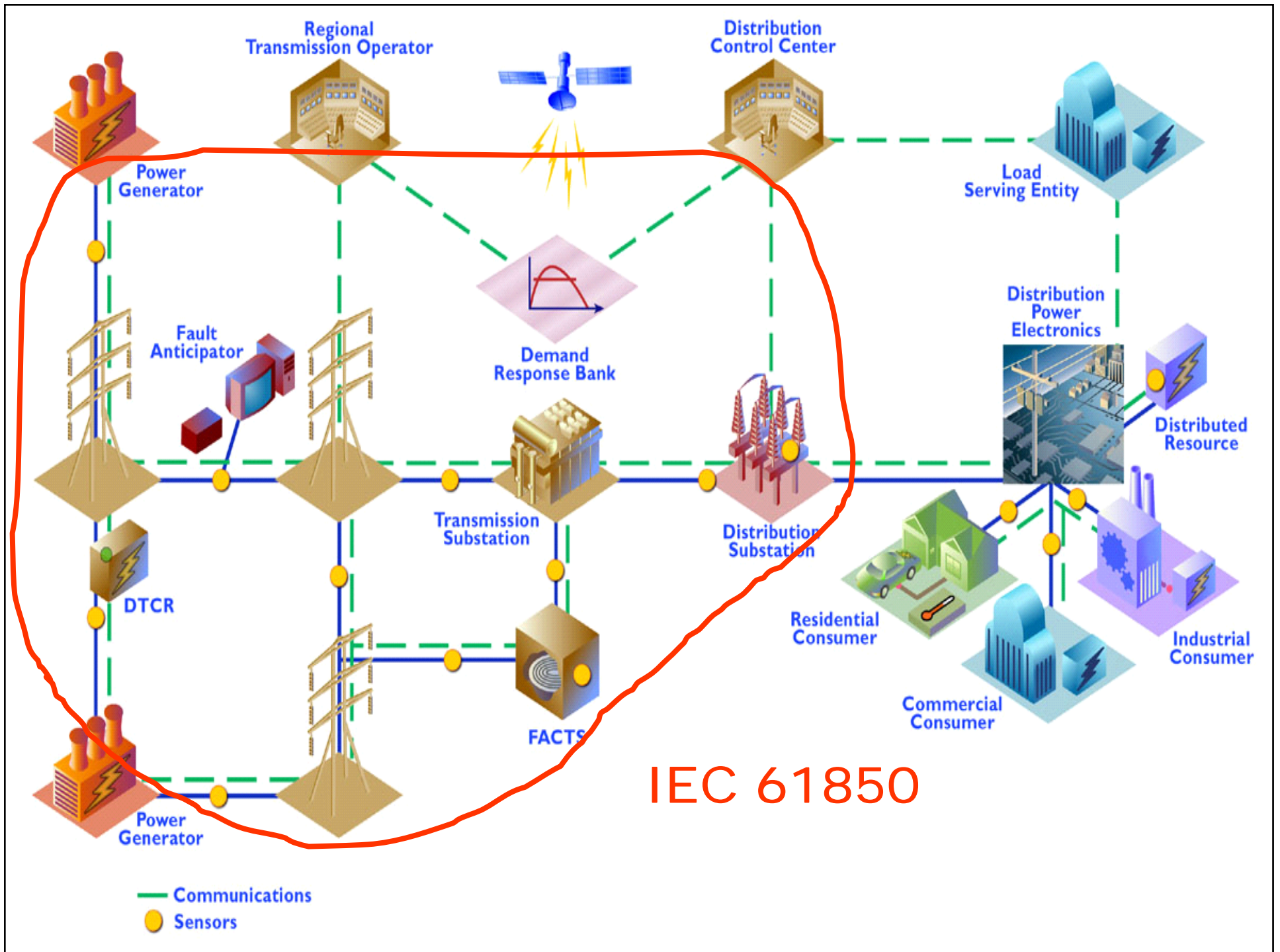
- Utility enterprises are complex and cross many functional boundaries
- Promoting interoperability in the utility enterprise requires a similarly broad focus
- UCAiug **uniquely** offers members an organization to promote standardization across several functional areas

UCAiug – Technical Focus

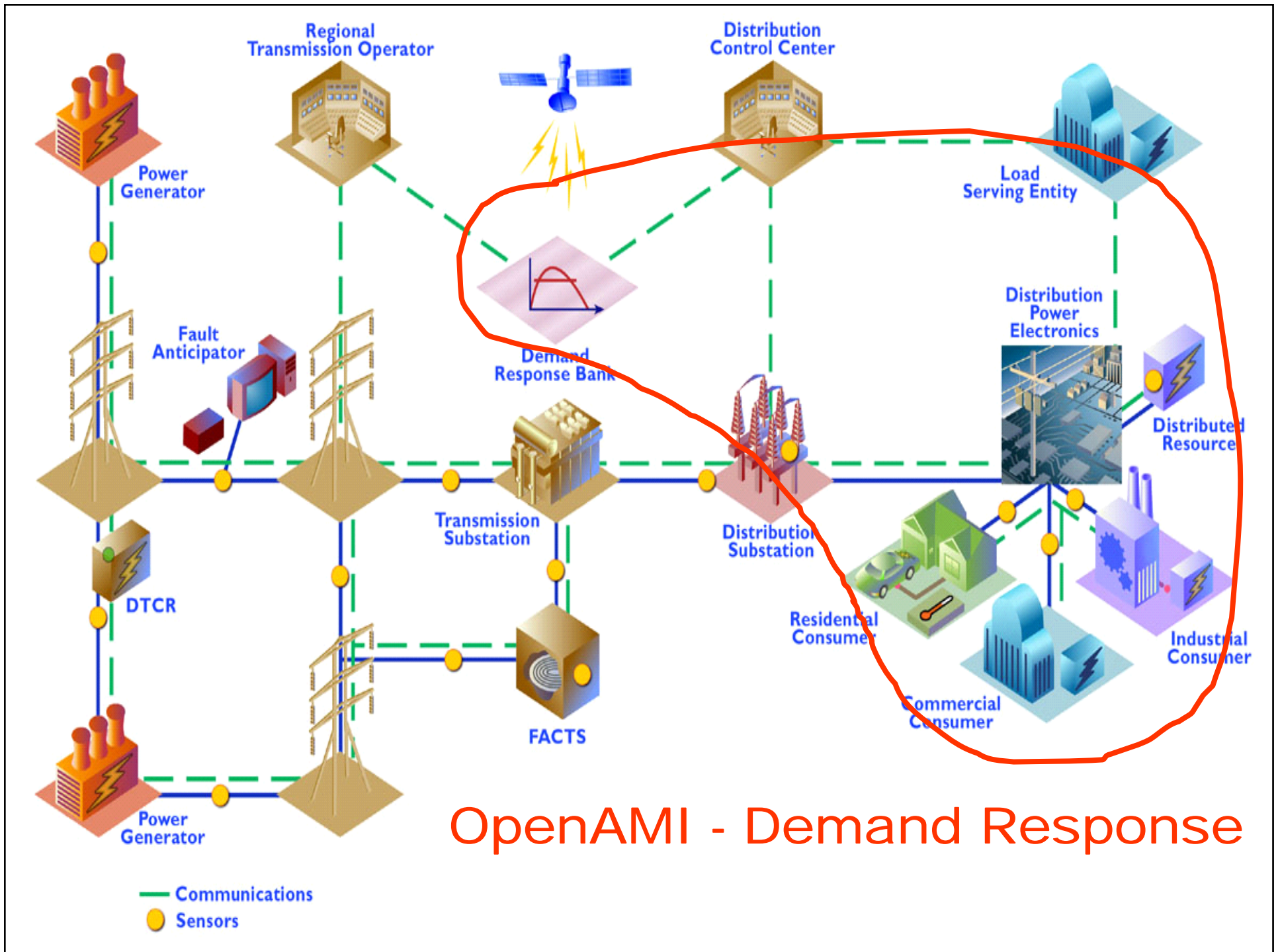
- **Application Integration**
 - Common Information Model (CIM) IEC 61970 and IEC 61968
 - Generic Interface Definition (GID) IEC 61970
- **Communications**
 - IEC 61850 – Substation Automation
 - IEC 61850 based extensions for wind, hydro, distributed generation, etc.
- **Metering and Demand Response**
 - OpenAMI – Information/data models, reference designs and interoperability guidelines based on IntelliGrid and IEC standards.

ONE MEMBERSHIP





IEC 61850



OpenAMI - Demand Response

Benefits

- Member benefits are enjoyed equally if your focus is one technical area or all technical areas

Not Just Another Membership

- These standards are not “just another standard”
- These technologies uniquely **lower costs** to implement automation and integration projects
- Joining and participating will help increase usage further lowering costs via synergy

Membership Options

Revenue	Annual Member Fee	# of Members
Corporate Member < US\$1M in Revenue	\$1,000	2
Corporate Member US\$1M - US\$10M	\$2,000	4
Corporate Member US\$10M - US\$100M	\$3,000	6
Corporate Member US\$100M - US\$1B	\$4,000	8
Corporate Member > US\$1B in Revenue	\$5,000	10
Government Agency	\$5,000	2
Trade Association	\$1,000	2
User Group	\$1,000	2
University	\$1,000	2
Standards Group	\$1,000	2
Individual	\$ 250	1

Who Should Join?

- Every small utility, supplier or consultant should have at least one individual member for access to information.
- Every med/large utility, supplier or consultant should be a corporate member to maximize benefits and obtain voting and full participation privileges.

join@ucausersgroup.org

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Notice 2 UCA Logos?



A



B



Thank You

Questions?

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