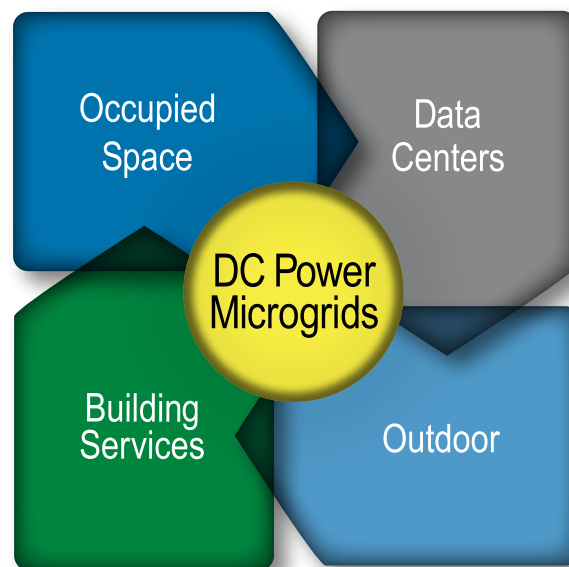
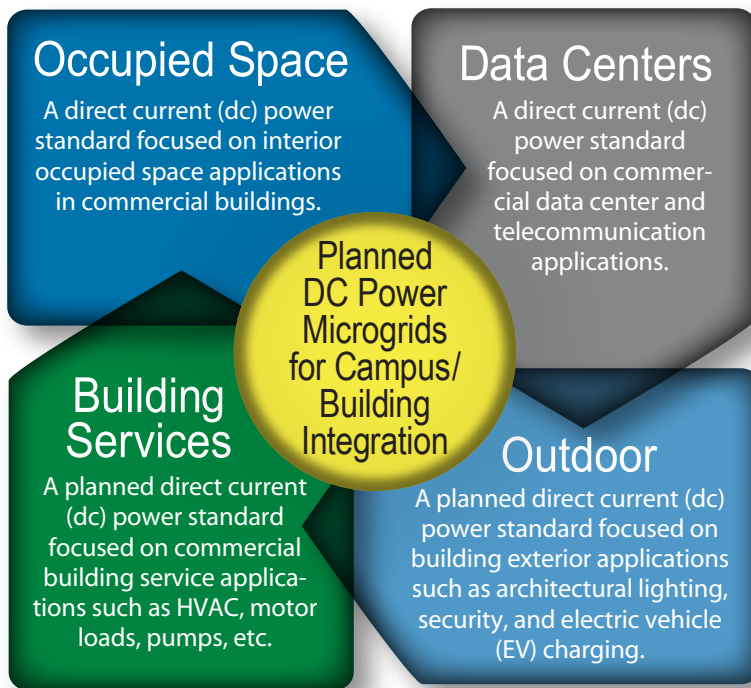




DC Microgrids

*Advanced Power Distribution Platforms
for Flexibility, Savings & Sustainability in Buildings*





VISION: DC MICROGRIDS FOR BUILDINGS

We believe that ongoing and increasing demand for improved reliability and energy efficiency across all areas of commercial buildings provides the need for the EMerge Alliance family of power distribution standards.

The EMerge Alliance vision is:

- An open architecture
- Reduction or elimination of ac to dc conversions between power sources and digital devices
- Power conversion and distribution in dc form
- DC power as a key component for zero net energy buildings
- More direct and efficient integration of on-site dc generation sources such as solar photovoltaics, wind, and other alternative sources
- A modular approach for incremental standards application in one or more areas of hybrid powered buildings



QUICK FACTS

- Non-profit, open industry association
- More than 100 member organizations
- Promotes the adoption of safe dc power distribution through the development of technical application standards
- Forms a family of application/area-specific dc microgrids that, when interconnected, create a resilient and versatile building or campus energy network. Each semi-autonomous microgrid can operate with or without the need for connectivity to a higher-order supervising microgrid
- Open standards integrate power, infrastructure, peripherals, and controls in common microgrid platforms
- EMerge Alliance applications standards:
 - EMerge Alliance Occupied Space Standard
 - EMerge Alliance Data/Telecom Center Standard
- Provides an online registry for commercial products that can be specified for EMerge Alliance standards
- Promotes dc microgrid technology through strategic industry partnerships and participation in professional engineering trade forums
- Assists in the deployment of projects demonstrating use of EMerge Alliance Standards



**Membership applications:
www.EMergeAlliance.org/join**



Data Centers

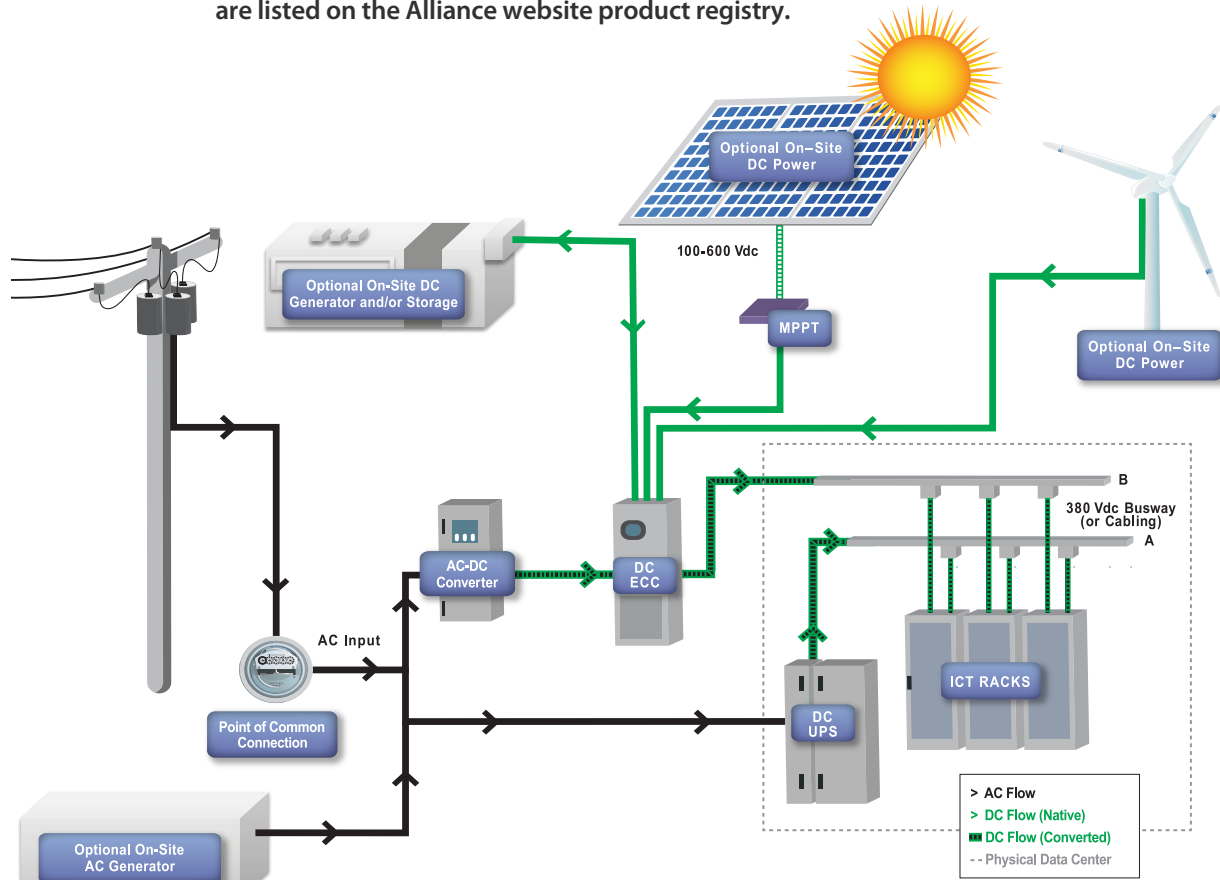
DATA/TELECOM CENTERS

The Emerge Alliance Data/Telecom Center Standard defines low voltage dc power distribution system requirements for use in data centers and telecom central offices

Data/Telecom Centers designed in compliance with Emerge Standards provide the following benefits:

- Improved reliability and safety in a smaller footprint
- Lower capital, operating and total cost of ownership
- Increased energy efficiency and equipment utilization
- Connects directly or through building microgrid to on-site renewable generation and storage

Emerge Alliance Registered Products for the Data/Telecom Center Standard are listed on the Alliance website product registry.



Registered products: www.EMergeAlliance.org/products

E Merge[®] ALLIANCE

GOVERNING MEMBERS



PARTICIPATING MEMBERS



CORRESPONDING MEMBERS



GENERAL MEMBERS

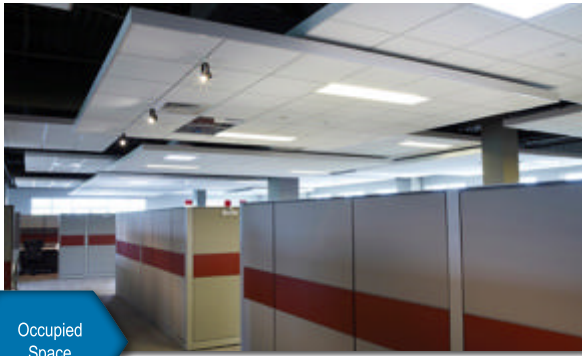


LIAISON MEMBERS



SUPPORTING MEMBERS





Occupied Space

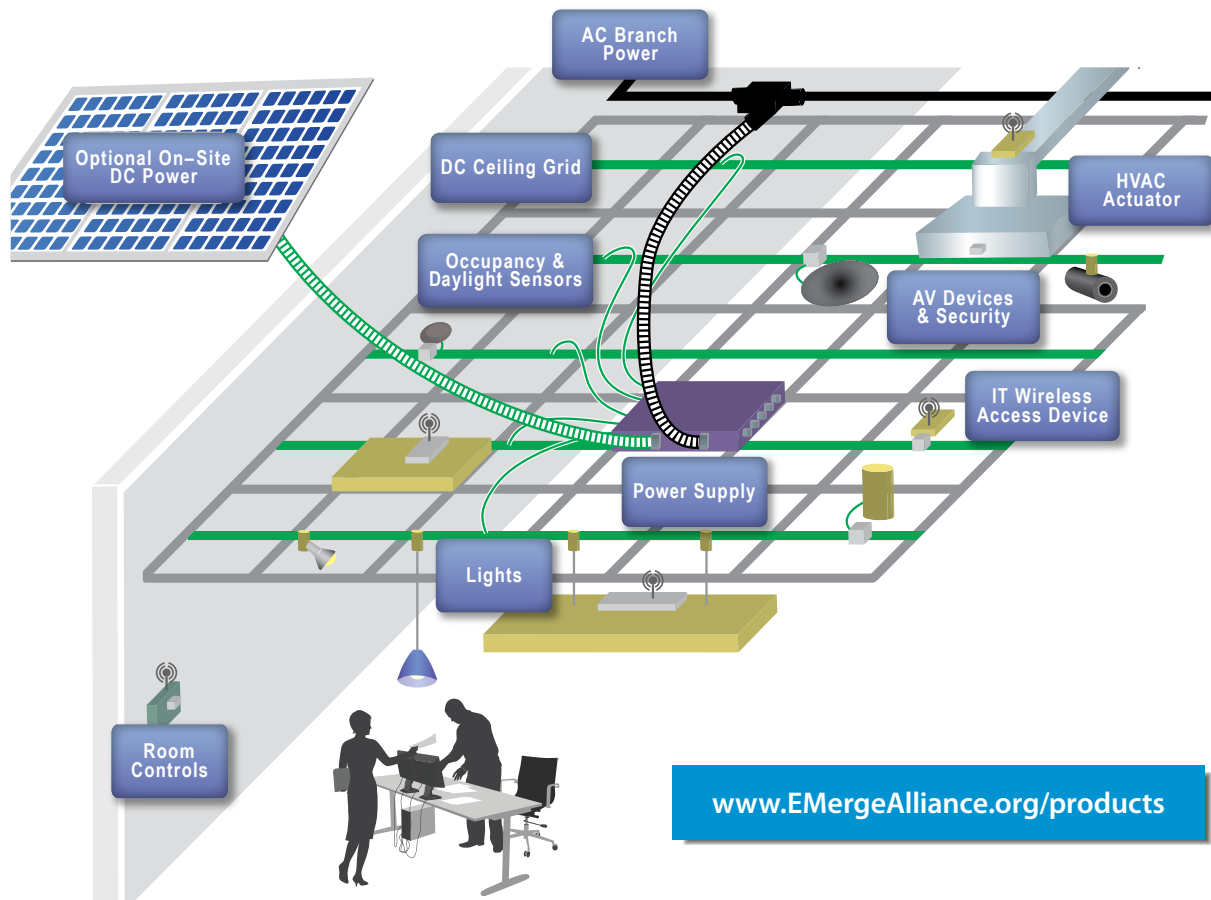
OCCUPIED SPACE

EMerge Alliance Occupied Space Standard defines low voltage dc power distribution system requirements for use in commercial building interiors

Occupied Space designed in compliance with EMerge Standards provide the following benefits:

- Safe, flexible, plug'n play low voltage dc power distribution for commercial building interiors
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Join Today

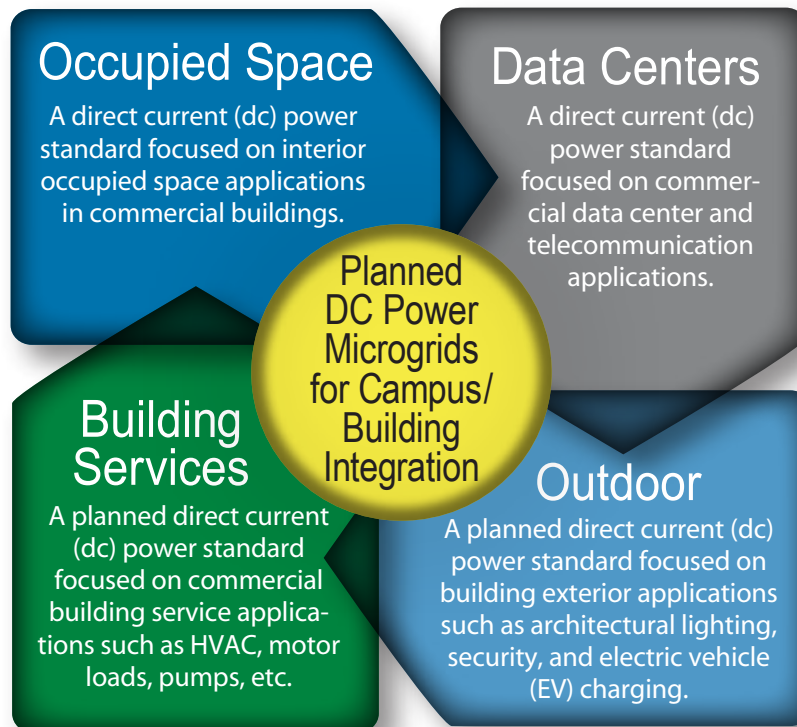
The EMerge Alliance is representative of the many organizations impacting the commercial building arena.

2400 Camino Ramon, Suite 375, San Ramon, CA 94583
Phone: 925. 275. 6617 | E-FAX: 925. 884. 8668

www.EMergeAlliance.org

Media Contact: media@EMergeAlliance.org

Membership Contact: info@EMergeAlliance.org



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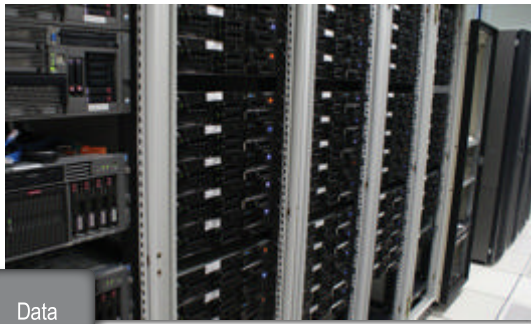


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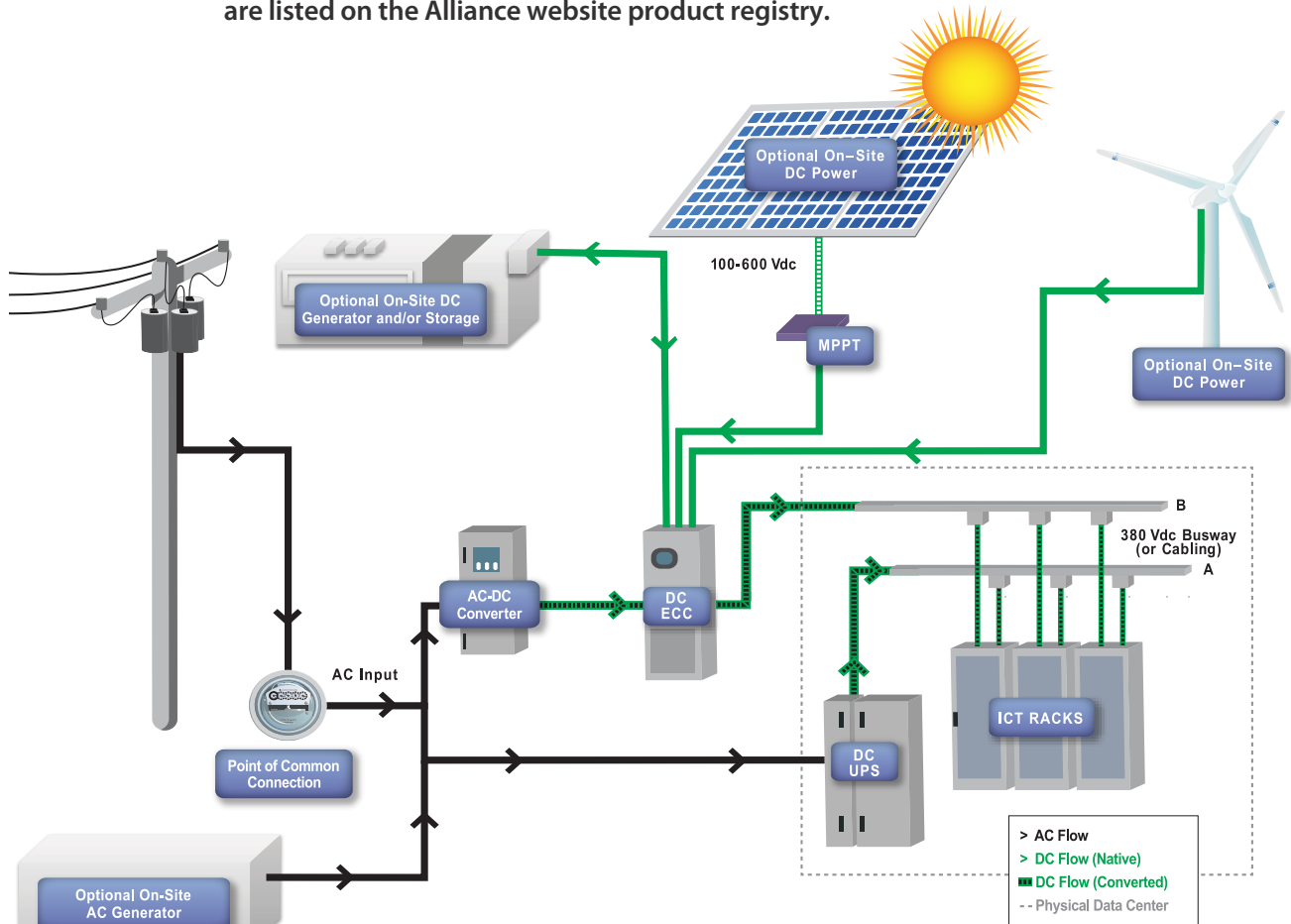
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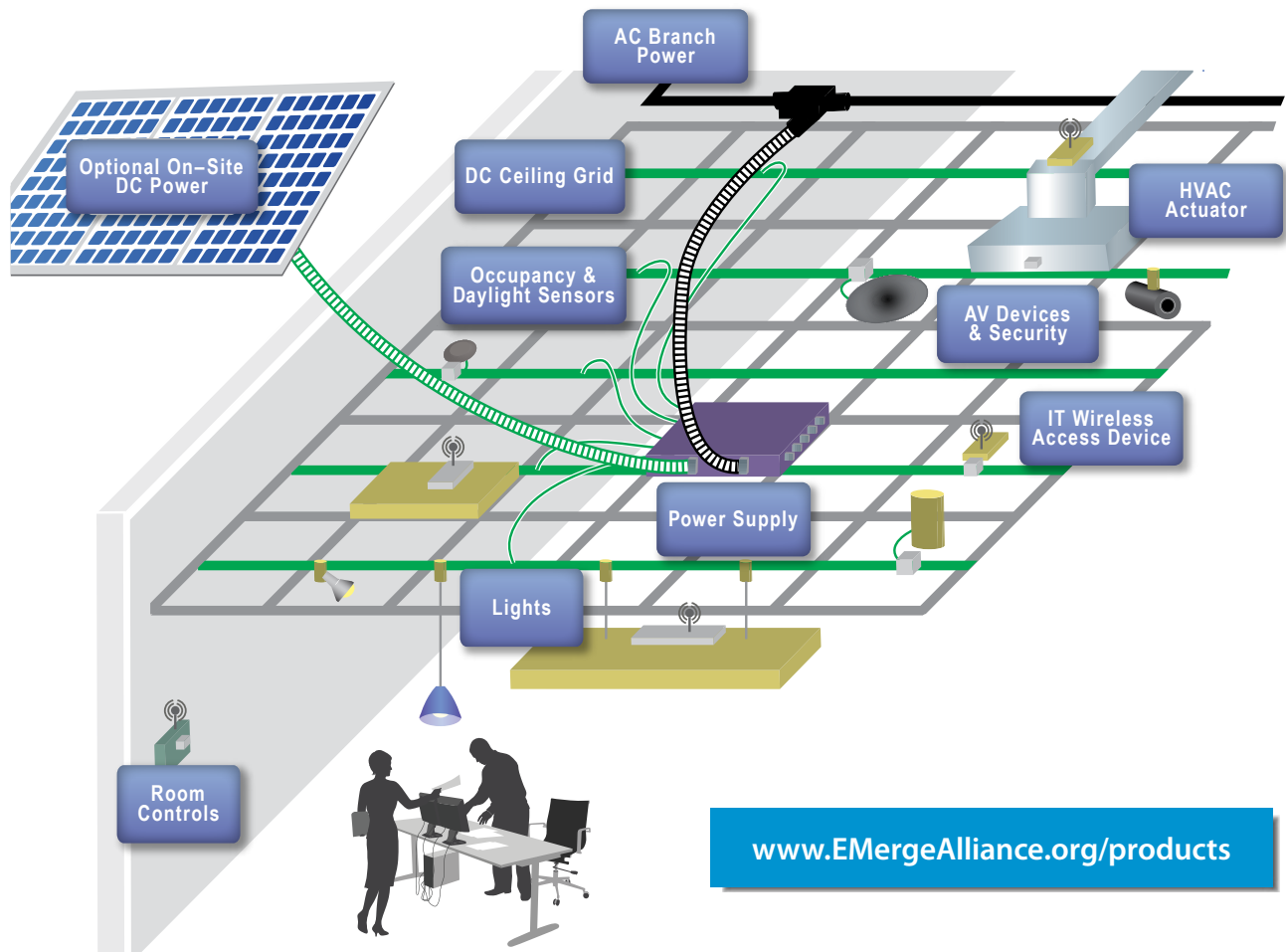
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