

## The EMerge Alliance - an open industry association

Let us shortly introduce the EMerge Alliance which is active in a related field as the European DCC+G consortium. The EMerge Alliance, an open industry association, is pushing for the rapid adoption of safe DC power distribution in commercial buildings through the development of EMerge Alliance standards. For the time being EMerge Alliance members are mostly from North American Industry.

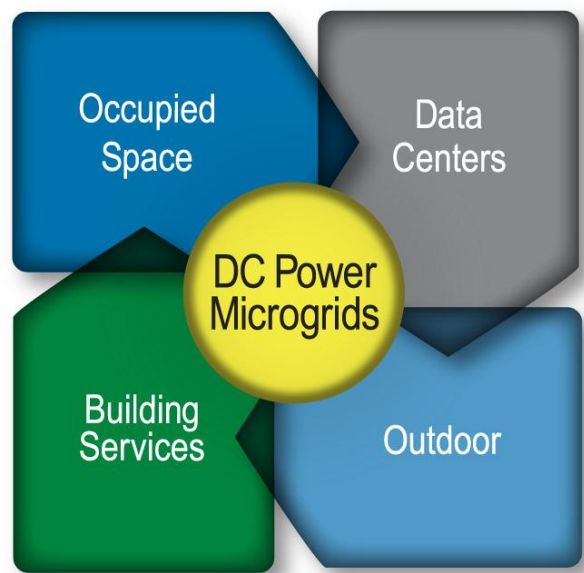
Some information found on the public part of [www.emergealliance.org](http://www.emergealliance.org) is reflected below:

### EMerge Vision

A family of DC power distribution standards to create microgrids meeting evolving commercial building needs.

The Alliance has a vision of DC microgrids throughout commercial buildings. This hybrid AC and DC platform is being designed as an open architecture focused on reducing or eliminating inefficient AC to DC conversions between power sources and digital devices by converting and distributing power in DC form. We believe that ongoing and increasing demand for improved reliability and energy efficiency across all areas of commercial buildings provides the need for this broad platform.

### Vision: DC Microgrids in Buildings



**Occupied Space:** Our first standard, the [EMerge Alliance Occupied Space Standard](#) creates a 24-volt DC microgrid for use in commercial interiors, featuring safety and

flexibility along with efficiency benefits. See all the [EMerge Alliance Registered Products](#) available for this standard today.

**Data/Telecom Centers:** The EMerge Alliance Data/Telecom Center Standard is our second standard. It creates an integrated, open platform for power, infrastructure, peripheral device and control applications to facilitate the hybrid use of AC and DC power within data centers and telecom central offices. [View Presentation](#).

**Outdoor:** Power needs exist for buildings exteriors: lighting, signage, and the need to recharge electric vehicles can be addressed with DC microgrids. Work is underway now to develop this standard.

**Building Services:** Larger building loads such as HVAC, motor loads and high bay/industrial applications are often DC-based and are ideally suited for DC microgrids

Throughout these scenarios of building load applications, the Alliance's vision is to promote and facilitate the integration of on-site DC generation sources, such as solar photovoltaics, as well as including other renewable and alternative sources to help create net zero energy buildings.

[View the EMerge Alliance Vision PDF.](#)

# Members

(<http://www.emergealliance.org/About/OurMembers.aspx>)



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## PARTICIPATING MEMBERS



## CORRESPONDING MEMBERS



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