

Convergence in Action

Convergence View of Specifications

CSI Round Table
Santa Clara May 19.



- The convergence of buildings and IT, provides new possibilities of change.
- This roundtable will discuss how design-build and new forms of performance and results based specifications commonly used in the IT realm, can be used in specifying building systems.



Over a thousand searchable articles and interviews about convergence are part of our online large building automation magazine.

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About

Several have been written by today's panelists.
Convergence is radically changing our industry.

Convergence Dynamics

- The time line of 2, 3 years + of traditional CSI specification is problematic.
- Rapidly evolving convergence models have time lines much less than this. Examples; DR, GridWise, BIM, SaaS, Open Source, etc.
- As early as 1980 we had removed automation from specification and handled as a Prime Cost.
- Rapidly evolving DDC controls were then contracted and purchased in a Request For Proposal "Just in time IT thinking"

Convergence Abhors Specification Separation

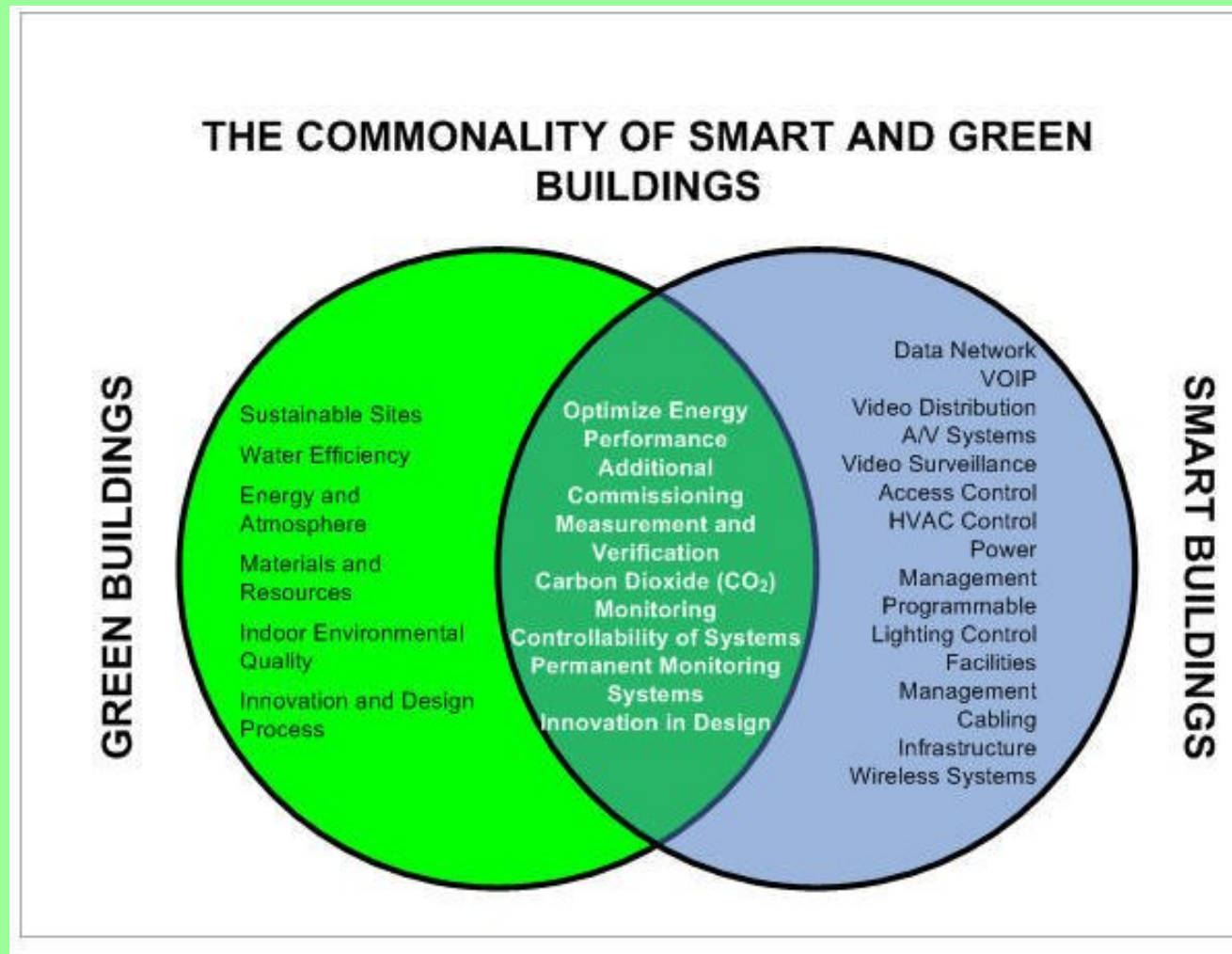
Convergence is the principle that technologies connected to the Internet, are all coming together to form one information channel. Convergence is driven by open source, self discovery, self healing, self definition, etc.

Annoying acronyms and initialisms such as BIM, SOA, SOB, SaaS, VBOC, IP, etc; refuse to live in specified sections. Their purpose is to converge not separate.

As hard equipment (fans, chillers, etc) converges with open source, BIM, SOA, SaaS functionality the original specification of what the hard equipment is changes.

The Color of Convergence

Jim Sinopoli PE, RCDD Managing Principal,
Smart Buildings



LEED and Green Building Movement

Green is about changing traditional relationships and creating several new ones.

Green is about questioning the need for building a building. Can workers work virtually?

Green is about providing local solutions for building materials, reuse of recycle material new energy sources, and

Plus questioning all that we have done before.

How Best to Connect Convergence?

Strong Industry feelings exist that significant change is required to accommodate necessary convergence.



The Convergence View Panel

- [Tom Hartman](#) Panelist [The Hartman Company](#)
- [Patrick Davis](#) Panelist [Facility Solutions Group](#)
- [Ron Poskevich](#) Panelist [Lumisys](#)
- [Toby Considine](#) Panelist [oBIX \(Open Building Information Xchange\)](#)