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**NIAGARA
SUMMIT**

**CONNECTING
THE WORLD**



CONNECTING
THE WORLD

Niagara | The LG Platform Choice

*Brent Johnson, Director
LG Air Conditioning Technologies*

LG and Niagara | VRF Control for the Connected Building

Challenge

- TRADITION | For decades the HVAC industry has seen mechanical equipment as “dumb” with “smarts” provided by controls manufacturers
- VRF breaks this tradition
 - An inherently *intelligent* system
 - No requirement for 3rd party controls to provide “smarts”

Implications of this challenge

- VRF control has mystified the controls industry
- VRF systems are many times left to sit 'outside' the connected building
- VRF performance is many times subjected to, and limited by, antiquated controls strategies

Implications of this challenge

Unlike traditional systems, where 3rd party controls provide the “smarts”, traditional 3rd party controls can effectively dumb-down the intelligence and performance inherent in VRF systems.

The Opportunity

- VRF technology is a leading comfort solution globally
- The U.S. VRF market is growing at a rate that outpaces the industry average
- THE MISSING PIECE: How to maximize control of the inherent intelligence of the VRF system and deliver full VRF performance to the connected building

LG has seized this opportunity.

The Options

- Develop a proprietary LG solution
- OEM an existing industry option
- The best of both worlds:
 - Develop an LG solution for the connected building; open and agnostic
 - Use a proven platform: Niagara

The LG Solution | LG MultiSITE Controls Suite

Technology built on the Niagara platform to deliver total VRF comfort of and performance to the connected building.

Whether it's:

- a single building with VRF comfort control, or
- integrating the power of VRF into a 3rd party management system, or
- implementing a complete facility or campus-wide building management system,

the LG Controls Platform has the technology to bring your vision to life – and put the comfort of the connected building in the palm of your hand.



**Join LG and Niagara as we work
to control the future NOW.**