





NEW "found money" for Facility Managers: HVAC Equipment, Building Management Systems, Big Data, and the Cloud

This presentation by Joseph H. Klotz, Johnson Controls Systems Products Regional Account Manager will provide an overview of the underlying technologies and trends that support Big Data and the User Experience in the HVAC/BAS industry, and will focus on the changes, challenges, and opportunities for people who design, manage, and maintain buildings and building management systems.

In Jeremy Rifkin's 1987 book "Time Wars", he proposed his theory of a "weightless economy". In a world of high speed digital networks and de-industrialization, much more than the weighty physical assets such as factories and warehouses, new resources – and sources of wealth and profit – will be found in knowledge creation, information, and ideas.

Faster and greater computing power in a smaller package for less money; standardized BAS protocols, Big Data, embedded "FDD" (fault detetection and diagnosis), cloud technology, and the convergence with IT infrastructures: these advances have set the stage for comprehensive, fully integrated Enterprise and Energy Management Systems.

Opportunities for energy and life-cycle cost savings can be derived from the analysis of temporal cues found in the constantly changing data from our HVAC systems and equipment. Companies will differentiate their businesses through "big data" analysis services, expert industry "know-how", and a customer-centric presentation of actionable information.

See www.ashraebistate.org for more information RSVP to ashraebistateRSVP@olace.com

## Chapter Meeting December 10th

Meeting Location: Lucy's Lounge 446 Bedford Road Pleasantville, NY 10570

5:30 - 6:30PM Arrival and Networking 6:30 - 7:30PM Presentation 7:30 - 9:00PM Networking and Awards

\$20 reduced rate for membership appreciation or bring a gift for "Toys for Tots"

Walk-ins and General Public Welcomed

