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**JAN 30-FEB 1
LAS VEGAS
2017**



Analytics and Data Are We Focusing on the Most Important Thing

Productivity?

Mon. January 30 | 1:30 PM - 2:30 PM | N239

SPEAKERS/PANEL

Paul Oswald Managing Director CBRE ESI Global Workplace Solutions | Global Energy & Sustainability

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Let's consider this from a building owner's or manager's perspective: in a typical building, energy represents a \$1 - \$9 per square foot cost item. Lease/maintenance and operations represent a \$10 - \$99 per square foot cost, and people (occupants) represent a \$100 - \$999 per square foot cost.

To set the scene for our panelist



Satisfaction and Productivity of corporate assets, "their people", is an ongoing dynamic survey of human cognition's that is creating new performance metrics from the data from our buildings. We are all struggling to develop mushy measurement methods of their cognition's of well-being, satisfaction, stress, innovation and contribution to corporate purpose.

Of course, comfort both temperature and lighting levels need to be provided as basic services with expected energy efficiency.

Productivity as the new measured variable requires a considerable change in thinking and attitudes towards maintaining buildings and assets, including the budgets to support it, and the resources to execute it.

The impact on the total value of productivity of the people present plus sharing the space via hoteling of our building environment drives a completely new metric.





Analytics – What Problem Are We Trying To Solve?

**BETTER BUSINESS PERFORMANCE THROUGH BETTER
WORKPLACE PERFORMANCE**

A CBRE Thought Series

Why should we care about productivity?





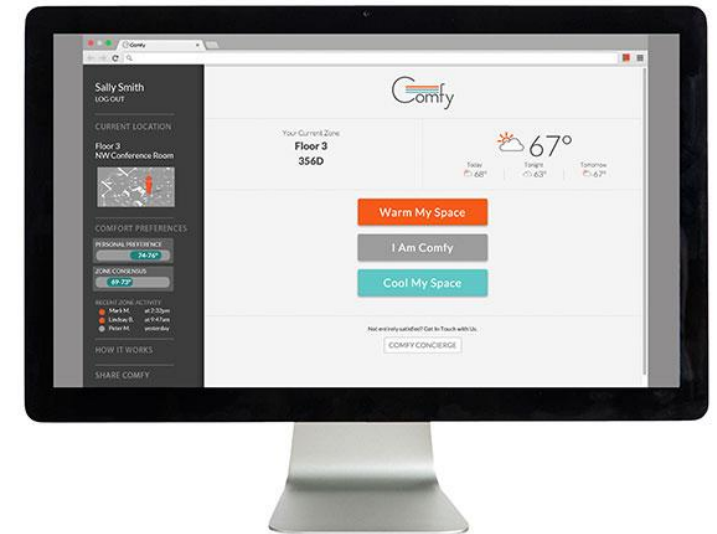
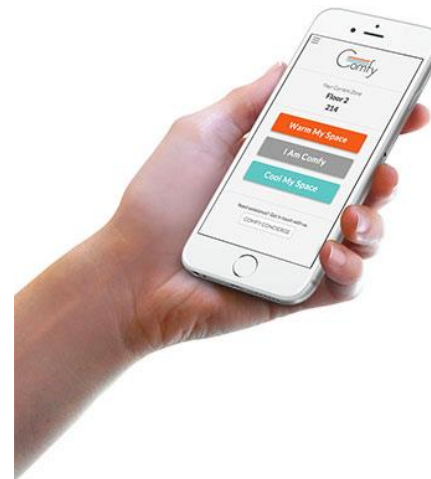
How do we define and document productivity?



How can we create satisfaction with space temperature and indoor air quality?



How do we create new metrics of satisfaction and productivity as the new measured variables.



How can social media help?

