

A rethinking of commercial property management to include creating new user experiences appears to be moving commercial property dynamics in new directions for office and retail.



### PLANNING FOR LOCAL, REGIONAL AND INTERNATIONAL TECHNOLOGY SHIFTS

### Smart Buildings/Cities

### WHY:

- Increased efficiencies for management of energy, data and user experiences
- Environmental sensitivities
- IoT (Platforms, Applications) Smart Sensors



### How:

- Smart Planning with community, builders
- Understanding technology-IoT (Platforms, Applications), Smart Sensors/Software, PropTech
- Opportunities with Experiential Amenities



### Where:

Examples of locations applying smart city initiatives

Saudi Arabia, Norway, Stockholm,
 Copenhagen, Islamabad, Barcelona,
 Madrid, Amsterdam, China, Dubai, India,
 Pakistan, Singapore and New York



### Who:

- www.entic.com/
- ► Entic
- ▶ www.Opalus.io
- ▶ Opalus



#### **Smart Building Research**

"These projects confirm that new entrants who are able to demonstrate the business value of their propositions are gaining a foothold in the IoT-enabled commercial real estate market. While the major building technology players are rapidly catching up, disruption is taking place as the market for IoT solutions in buildings starts to mature".

From an article written by **Daphne Tomlinson**, Independent Senior Research Associate at Memoori.

#### **URL:**

https://memoori.com/commercial-real-estate-firmsembrace-proptech-iot-platforms-apps/



# INNOVATORS IN COMMERCIAL NOVEMBER 11, 2019

In Closing,

Thank you for your time and questions!

Have a safe Veterans Day

Paul Martis-Commercial Real Estate Broker