Smart Building Information Management with IoT
BIM and IoT for connected buildings gives...

**Real time Information for..**
- Facility, maintenance operation etc.
- Transactions, investments
- Service planning and optimization
- Tenants/customers......

**Efficiency & Cost**
- Digital and Database
- Better control, structure and Access to information
- Green Building, environmental data
- Management, LCC information

**Virtual planning and visualizing of data**
- The BIM code is the objects IP address in a building
- The digital object information will be visual
BIM and IoT for connected buildings also gives...

Personnel
• Recruiting personnel from the gaming and Social networking Internet generation
• BIM will give an user friendly interface for ex Smartphones, surfpads, etc

Communication to/from society/community
• Information to fire department, or other community functions/services

LCC information
• We are making the “unbroken chain of information” for the Life cycle of a building
In collaboration with Intel and Maint3D
Making an errand on an extinguisher and a inspection

Broken safety strap on the fire extinguisher
The customer uses the QR code

Benefits:
• The errand automatically to the Helpdesk
• Less human interaction
• Less misinterpretation of information
• The BIM code will give information about, where, when and whom
• Information “on line”

Inspections on fire extinguishers, fire doors, etc.
Information on line updated and available for reviews

Benefits:
• Documentation, inspection and service order on line
• Preventive maintenance for other objects in the model
Information about an PC Projector

Un sharp picture on the PC projector
The customer use the QR code
On line usage of the projector

Benefits:
• Help without knowing the helpdesk number
• Instructions for the projector on line
• Information about usage of the projector
• Information about if it should be cleaned or lamp changed
• The helpdesk personnel can see status of the projector on line
• LCC analysis for the this projector from information, consumption and actions

BIM Code +1010043670=64ECD-TPHD01
Checking CO₂, temperature and humidity

Bad air quality
Follow up temperature, CO₂ and humidity

Benefits:
• The errand automatically to the Helpdesk
• Pick up directly from the work order
• Can see status on CO₂, temperature and humidity in the room on line of site
• Service personnel can see the information on line

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