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## **Hotech Edge adopts Ember's ZigBee technology for its G-Mesh wireless hospitality applications**

**LONDON and BOSTON, 240608** – Hotech Edge, a leader in wireless building management networks, has developed and implemented a range of innovative wire-free building security and energy conservation applications for the hospitality industry based on Ember's ZigBee networking technology.

Hotech Edge's G-Mesh networks cover entire buildings in a wireless mesh infrastructure for real-time online management of digital guest safes, door-locks, climate control and other devices. The ZigBee-enabled system improves guest services, automates building management, reduces operational and energy costs, and creates new revenue opportunities for hotels and student residences.

Ember's industry leading ZigBee platform has been extensively deployed for networking many devices in hospitality applications including lighting control, climate control, door locks, media control, mini bars, drapes and safes.

G-Mesh has been deployed in over a dozen London properties – including large well-known institutions such as the London School of Economics – with further installations underway across the UK and Europe.

“These large scale, proven deployments demonstrate ZigBee's excellent suitability for wirelessly networking a variety of devices in buildings,” said Geoff Wales, Hotech Edge chief executive. “Ember-enabled G-Mesh networks substantially reduce build- and fit-out costs for hotels. They enhance building security systems, while also saving money and cutting carbon emissions through intelligent energy control.”

The G-Mesh system uses Ember's EM250 ZigBee system-on-chip (SoC) and EmberZNet PRO software platform, which supports the ZigBee PRO Feature Set.

EmberZNet PRO's high level of security, advanced device addressing and inherent reliability has allowed Hotech Edge to fast track installations of G-Mesh systems through simplified commissioning procedures, resulting in reduced overall costs and guest interruptions.

Added advantages of the latest ZigBee PRO installations include:

- extending the power saving benefits of sleepy end devices
- halving the number of data controllers and mesh routers
- negligible network latency over several hops in the mesh
- scaling to hundreds and potentially thousands of nodes

“Successful implementations of G-Mesh by Hotech Edge prove yet again that ZigBee wireless technology has a crucial role to play in the hospitality industry today,” said Bob Gohn, Ember vice president of marketing. “Hotels are realising the potential of a low power wireless mesh infrastructure, leading to many more devices being incorporated into the ZigBee network and helping to further contribute to better comfort and reducing the carbon footprint.”

### **About Hotech Edge**

Hotech Edge Ltd is in the forefront of the market for wireless building management systems and online appliances for the hospitality sector. As far back as two years ago, the company was running full wireless mesh networks based on the ZigBee 802.15.4 standard, that has become the platform for its G-Mesh system. With centres in London and Auckland, Hotech Edge serves the hotel community worldwide.

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### **About Ember Corporation**

Ember Corporation develops ZigBee wireless networking technology that enables companies involved in energy technologies – enertech – to help make buildings and homes smarter, consume less energy, operate more efficiently, and keep people comfortable and safe. Ember's low-power wireless technology can be embedded into a wide variety of devices to be part of a self-organizing mesh network. Ember is headquartered in Boston and has its radio development center in Cambridge, England, and distributors worldwide. The company is a promoter and Board member of the ZigBee Alliance and its platform is the “Golden Suite” for 802.15.4/ZigBee interoperability testing. For more information, please visit <http://www.ember.com>.

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