

INNOVATION GATEWAY

Round 1 2018 Challenge Brief

Making better use of physical space



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Challenges:

- Measuring and monitoring meeting room usage

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The challenge

With the rise of remote and flexible working, there is an opportunity to improve on the monitoring and management of rooms. Space utilisation can be optimised in instances where there are no-shows for booked meeting rooms for example. A better managed system would prompt staff engagement and positive behaviour change in terms of resource use, and also improve security, as all personnel would be accounted for.

Management is also difficult on educational establishments, where some areas are periodically not used (e.g. many student computer labs are open 24/7 when not necessarily used). Additionally, standard swipe-in systems aren't always accurate, as one person swiping into a room can let others in.

The solutions we are seeking

The Innovation Gateway partners are looking for intelligent monitoring systems which will ensure the efficient use of available space, possibly through the use of a scanning system. Ideally the solution will provide an efficient room-booking service, intelligent room-unlocking, and have the capacity to integrate smart energy sensors.

Selection criteria

- Tracking system to assess number of people using a room, as well as to see whether employees are using rooms that have been booked
- Ability to send reminders to people about room bookings
- Highlight inefficient room use (e.g. when two people have booked a 12-person room)
- A solution that provides automatic room access only to those who have booked, but where access becomes open for all if there is a no-show
- Needs to work across properties across the Innovation Gateway Partners' estate
- Ability to integrate with existing IT infrastructure