www.datahub.mksmart.org

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The beating heart of the MK:Smart project, helping to collect, integrate and use data from a range of city systems





DATA HUB

The MK Data Hub is the beating heart of the MK:Smart project: it supports the collection, integration and use of large amounts of data from many diverse resources relevant to city systems, thus providing Milton Keynes with a citywide infrastructure for exchanging and creating things with data.

These include local and national data; key infrastructure networks, including energy, transport and water; sensor networks, such as weather and pollution data; and information that's crowdsourced from social media and mobile applications.

That isn't an exhaustive list. As the data platform for Milton Keynes, the MK Data Hub allows you to upload data with complete control over access permissions and redistribution policies, too.

With so much information available every second, we need to be able to make sense of

it. As well as discovering and cataloguing data, much of the MK Data Hub's technical functions are centered on supporting data analytics and redelivering the data in a common format, one that makes it easier for developers to build smart applications.

Right now, the MK Data Hub streams timeline and sensor information from its many data sources, combining datasets on specific entities such as buildings, places and topics. This intelligence can be analysed to inform smart planning and use of resources across Milton Keynes—the making of a smart city.

We're delighted to announce that the MK Data Hub is now available to the public, for the benefit of both companies and non-commercial organizations who are interested in taking advantage of this facility and contribute to the smart city agenda in Milton Keynes.

