

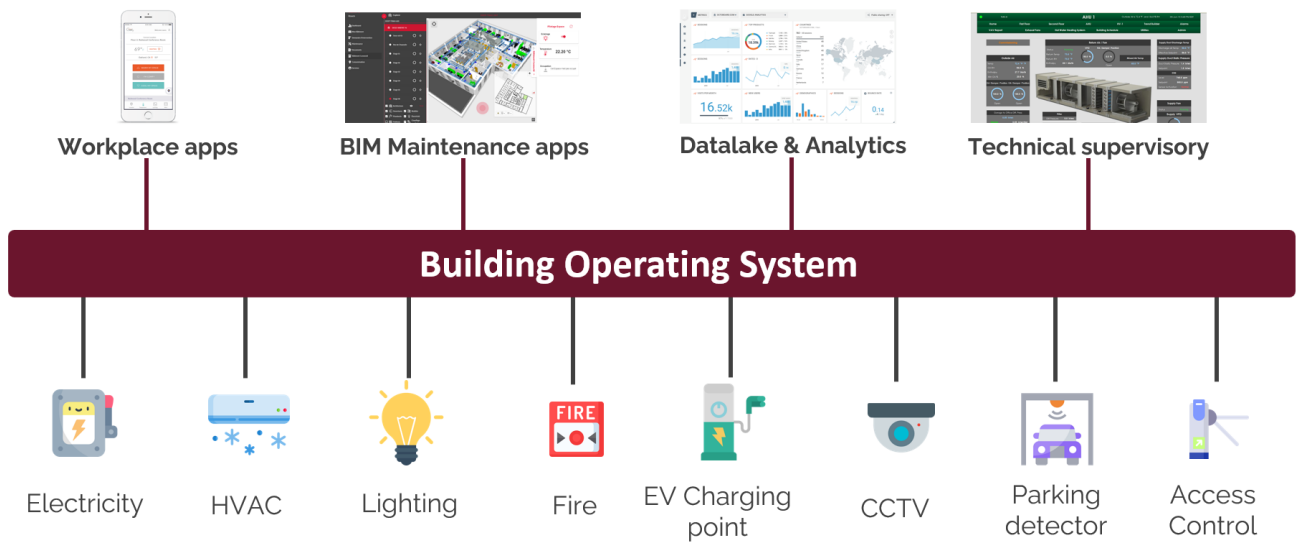
# Building Operating System Linkspers

**Linkspers is a BOS, a middleware between Equipment and Services, a facilitator between data producers and data consumers, an enabler for exchanging data between building applications.**

## What's a Building Operating system

A BOS is a data layer integrating heterogeneous sources into a single unified interface. Its goal is to provide meaningful information to services so they can easily create added value for occupants, FM, PM, EM or owners...

A BOS allows any digital service provider to easily connect to the building and learn what's inside. Every piece of data in the BOS is self described making the deployment of a service very easy and automated (similar to an app installation on a phone) and avoids any change to the current infrastructure of a building every time a new service is added.



Explore the **Core principles of a Building Operating System**

## Linkspers

Linkspers is a BOS designed & edited by VayanData. It is Niagara Framework based, standardized, fully connected with many services and easily extensible.

Linkspers has four pillars:

- **Dynamic Data integration:** all the data from traditional BMS equipment, IoT and heterogeneous data coming from silos
- **Static Data integration:** all the models used to describe the building and its assets like a BIM model, a CMMS equipment tree, a metering hierarchy...
- **Internal apps:** used to visualize data and monitor service connections
- **Services integration:** several tools to facilitate integration of external services using a well documented API and generic real-time connectors

Learn more with the **Introduction of Linkspers**

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