DIGITAL BUSINESS MEDIA DAY: Smart Infrastructure

Building X
Applying analytics and AI to building data

Description

Building X is an open, holistic, and platform-based approach that combines the physical and digital worlds of buildings into a single source of truth. It is **based on state-of-the-art native cloud technology** and applies analytics and AI to building data. Building X has been developed inherently **cyber-secure**. It covers various use cases, from sustainability to building operations, safety, security and building comfort. It is an **enabler for various business models**: Cloud-based digital services, SaaS subscription, integrate building data through open APIs to customer's system of choice.

Portfolio

- **Operations Manager**

  Make data-driven decisions on building operations across disciplines, monitor and controls buildings from anywhere anytime

- **Energy Manager**

  Evaluate a building's energy efficiency and associated costs as well as carbon emission values

- **Security Manager**

  Monitor and operate security of a building or site

- **360° Viewer**

  Virtual representation of a building to save travel costs and solve issues faster

- **Fire Manager** (target availability March 2023)

  Monitor, maintain and optimize a connected fleet of Siemens fire safety installations

- **Openness and APIs**

  Enabling 3rd party integration and custom application development

- **Edge Digital Services**

  Manage all connected devices via cloud, flexibly deploy new functionality on edge devices

Benefits

Building X turns buildings into smart, interactive, and adaptive business assets. It drives value out of customers' building data and **increases building performance**. Building X allows to leverage a common data lake across the different stages of a building's lifecycle and puts an end to formerly locally stored, domain-specific systems installed on-premises. Building X brings core functionalities of existing software portfolios, such as Desigo CC or Navigator, to a common **cloud-based platform**.

Regional availability

- Commercial launch in March 2022 with Germany, Switzerland, Finland, Sweden, USA
- Campaign start in June 2022 with Austria, Denmark, France, Italy, Australia
- September release with Energy Manager Starter for USA, France, Norway
- Further rollouts to follow for Belgium, Spain, Ireland, Singapore, India