# Siemens Smart Infrastructure

@ Bank of America

Digital Buildings Series July 5, 2022



## Notes and forward-looking statements

This document contains statements related to our future business and financial performance and future events or developments involving Siemens that may constitute forward-looking statements. These statements may be identified by words such as "expect," "look forward to," "anticipate," "intend," "plan," "believe," "seek," "estimate," "will," "project" or words of similar meaning. We may also make forward-looking statements in other reports, in prospectuses, in presentations, in material delivered to shareholders and in press releases. In addition, our representatives may from time to time make oral forward-looking statements.

Such statements are based on the current expectations and certain assumptions of Siemens' management, of which many are beyond Siemens' control. These are subject to a number of risks, uncertainties and factors, including, but not limited to those described in disclosures, in particular in the chapter Report on expected developments and associated material opportunities and risks in the Combined Management Report of the Siemens Report (siemens.com/siemensreport), and in the Interim Group Management Report of the Half-year Financial Report (provided that it is already available for the current reporting year), which should be read in conjunction with the Combined Management Report.

Should one or more of these risks or uncertainties materialize, should decisions, assessments or requirements of regulatory authorities deviate from our expectations, should events of force majeure, such as pandemics, unrest or acts of war, occur or should underlying expectations including future events occur at a later date or not at all or assumptions prove incorrect, actual results, performance or achievements of Siemens may (negatively or positively) vary materially from

those described explicitly or implicitly in the relevant forward-looking statement. Siemens neither intends, nor assumes any obligation, to update or revise these forward-looking statements in light of developments which differ from those anticipated.

This document includes – in the applicable financial reporting framework not clearly defined – supplemental financial measures that are or may be alternative performance measures (non-GAAP-measures). These supplemental financial measures should not be viewed in isolation or as alternatives to measures of Siemens' net assets and financial positions or results of operations as presented in accordance with the applicable financial reporting framework in its Consolidated Financial Statements. Other companies that report or describe similarly titled alternative performance measures may calculate them differently.

Due to rounding, numbers presented throughout this and other documents may not add up precisely to the totals provided and percentages may not precisely reflect the absolute figures.



## **Sustainability and Digitization go hand in hand**

40%

of global energy consumption in buildings; thereof 75% during operations – 1/3 of it wasted



**75%** 

of commercial buildings are energy inefficient



of buildings currently use smart technologies



~50%

of sick leaves are caused by poor ventilation in buildings

Source: IEA, Frost& Sullivan, European Commission, University of Maryland; Green energy council

## We are the frontrunner in digital buildings operations

>3.7 million connected devices

5 billion datapoints collected and analyzed daily

**28 Digital Service Centers** connected globally

Among top 3 providers of IoT platforms for smart buildings

Siemens Smart Infrastructure

Automated building

Smart building

Autonomous building

Source: Verdantix, Siemens Smart Infrastructure



Source: Siemens Smart Infrastructure

1) Phase 1

2) Phase 2-4

# Morgan State University

Campus transformation: smart, sustainable & efficient

#### **Solutions**

- Strategic Energy & Sustainability master plan defines 4-phase campus modernization and transformation
- Delivering a smart campus foundation with Desigo CC integrated automation, HVAC, security, fire and life safety systems, with a focus on energy efficiency, resiliency and sustainability<sup>1)</sup>
- Addressing utility systems, renewable energy and enabled digital services for continuous improvement & optimization<sup>2)</sup>

#### **Benefits**

- Improved infrastructure and operational excellence
- Deliver a healthy, safe, secure, and resilient campus setting



Guaranteed Savings<sup>1)</sup>

GHG reduction planned



Source: Siemens Smart Infrastructure

# **Ankara Bilkent** City Hospital

Building the blueprint for a future-proof healthcare campus

#### **Solutions**

- Our Desigo CC platform provides the smart infrastructure to centrally manage and control all hospital systems via 800,000 touchpoints
- Energy consumption throughout the facility is remotely monitored and reported and energy demand is predicted

#### **Benefits**

Safe environment for diagnosis, care, treatment, fast recovery



## We are scaling this across our customer base

# 1,500+ higher education campuses





























Yale University



# **5,500+** hospitals





































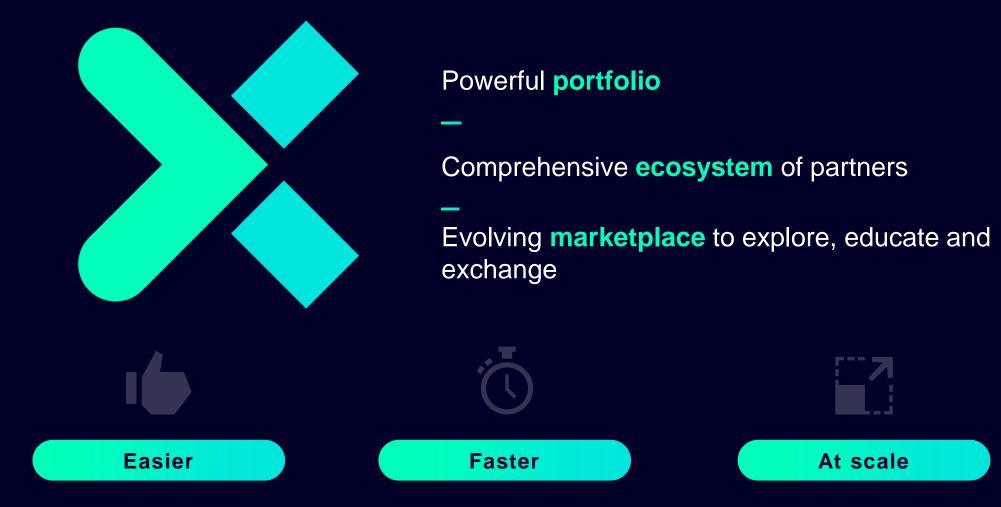




Source: Siemens Smart Infrastructure



## Siemens Xcelerator: The open digital business platform



Source: Siemens Smart Infrastructure

## **Building X: our new smart building software suite**



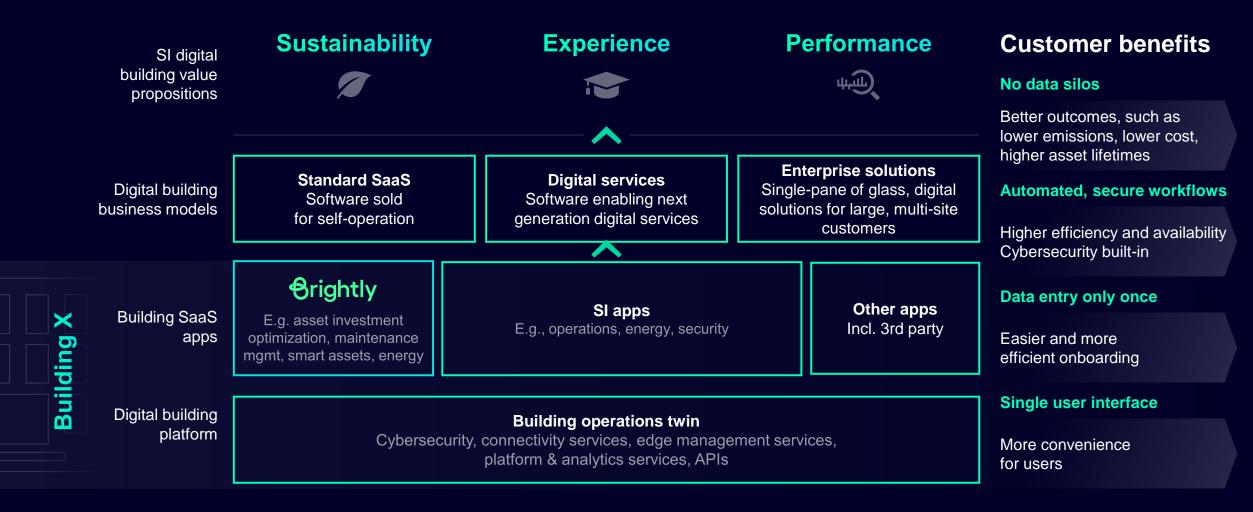
Single pane of glass for all customers

-

Fully cloud-based open platform

One data lake breaks down silos

## **Building X: Brightly fits seamlessly with value proposition and offering**



Source: Siemens Smart Infrastructure

Note: Depending on successful closing of Brightly deal

## Strengthening our digital building strategy

 Leading SaaS provider for asset and maintenance management in buildings/ built infrastructure

Brightly

- ~800 employees; rev 22e: ~US\$ 180m, ARR 22e: ~US\$ 160m
- Significant synergies with an expected mid-triple-digit million US\$ NPV
- Enabling Brightly's regional expansion in Europe/ Asia and SI stronghold commercial buildings
- Catalyst for our further expansion of building software offering through innovation, partnering, and acquisitions
- Customer value: Enhanced with digital operations twin superior building performance & sustainability

Note: Depending on successful closing of Brightly deal

## **Our promise to customers**



## **Drive**

revenue and growth



## Reduce

energy and maintenance costs



## **Optimize**

performance



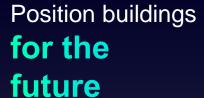
## **Enhance**

productivity



## **Increase**

SI's digital revenues



Up to **30%** 

Reduce breakdowns by

**70 – 75%** 

By up to **25 %** 

**Double** by FY25

Source: Siemens Smart Infrastructure