Siemens Building Technology

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Ingenuity for life

When it all started…

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1847	1896	1905	1940	1962	1974	1996	1998
Founding of Siemens AG	Founding of the electronic institute Theiler & Cie, Zug	Change of name; to Landis & Gyr (L&G)	Founding of Cerberus AG and thermic department of L&G	Elektrowatt AG takes over Cerberus AG	Elektrowatt AG takes over Staefa Control System	Elektrowatt AG takes over Landis & Gyr and merges with L&G Building Control and SCS to Landis & Staefa	Siemens AG takes over Elektrowatt AG (industry sector) with Landis & Staefa and Cerberus AG and becomes Siemens Building

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400+
branch offices

16
R&D sites

200,000+
service agreements

2,000,000 t
CO_2 savings per year

4,300,000
fire and smoke detectors
sold in fiscal year 2015

9
production
facilities

27,000+
employees, 10,000 of
those service technicians

40,000+
new system installations globally
each year; 500,000+ total

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Take advantage of digitalization

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Increase environmental performance

Reduce costs

Ensure safety and security

Digitalization

Reduce risks

Meet complex customer needs

Increase productivity & efficiency

Optimize processes

Imagine if…A software powerhouse with 17.500 software engineers supports you

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Number of Software Engineers

|	
facebook	3.800
🍎	16.000
SIEMENS	17.500
Google	20.000
amazon	28.500
Microsoft	44.000

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Siemens acquiring Building Robotics Inc.

Siemens Building Technologies is extending its leadership in smart buildings by acquiring Building Robotics Inc., the creator of Comfy®. Comfy is a leading digital workplace app, creating more personalized and responsive workplaces while providing analytics for efficient building operations.

Sharpen our business focus in electrification, automation, and digitalization

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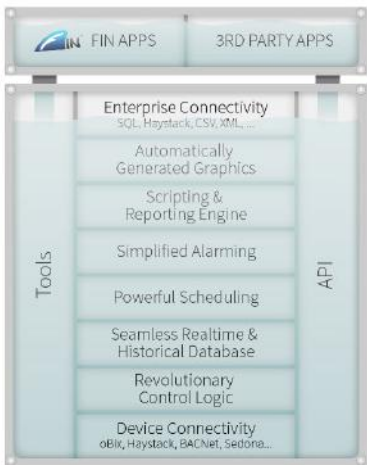*Ingenuity for life*
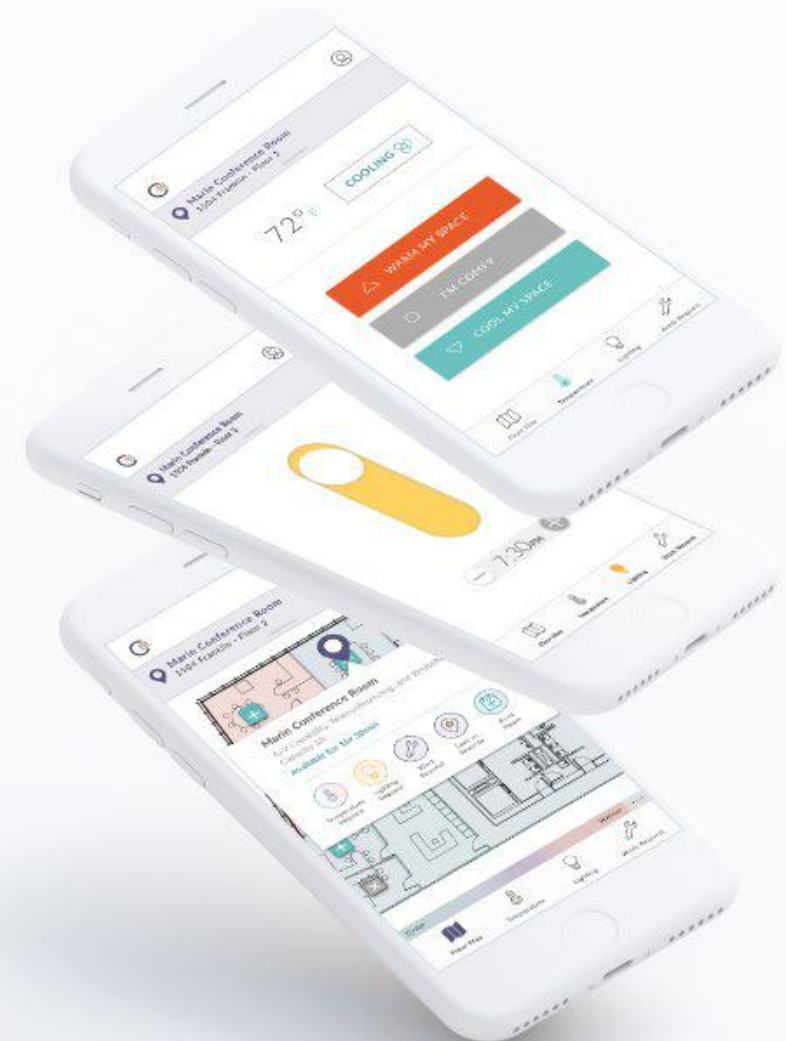
Flexible System Architecture

With FIN 4.0 you can mix and match hardware components creating system architectures to meet any job's requirements. FIN technology can live at every level of the architecture; the edge device, global controller, server, and even the cloud! With a variety of FIN Application Server Platforms (FASP), you have one technology that provides a unifying toolset for all your solutions!

BacNet | Desktop PC | Intellastar Device | All-in-one PC | Mac Mini | Embedded Computer | Niagara JACE | Server

Intellastar Device
- Global controller or edge device
- Infostack branded FIN software
- Optimized for wireless – 3G, WiFi, Bluetooth

What is FIN 4.0

FIN (Fluid Integration) is the next generation Building Automation System (BAS). It features a new applications server technology that embraces tagging and data modeling, which enables unprecedented new functionality. It works as seamlessly on a tablet and smart phone as it does on a desktop. FIN is a HTML5 browser based unified toolset optimized for efficient workflows. It dramatically reduces engineering labor, helping you build your customer's solution easier, faster, and better. FIN was designed to encourage community collaboration and seamlessly supports add-on applications such as automated analytics.

FIN APPS | 3RD PARTY APPS

Tools
- Enterprise Connectivity — SQL, Haystack, CSV, XML, ...
- Automatically Generated Graphics
- Scripting & Reporting Engine
- Simplified Alarming
- Powerful Scheduling
- Seamless Realtime & Historical Database
- Revolutionary Control Logic
- Device Connectivity — oBIX, Haystack, BACNet, Sedona...

API

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Siemens acquiring J2 Innovations

Siemens is acquiring J2 Innovations, a leading software framework provider for building automation and IoT, headquartered near Los Angeles, California. J2 Innovations will be managed as an independent legal entity and wholly-owned subsidiary of Siemens Industry, Inc.

Sharpen our business focus in electrification, automation, and digitalization

Advanced Applications Environment

FIN STACK
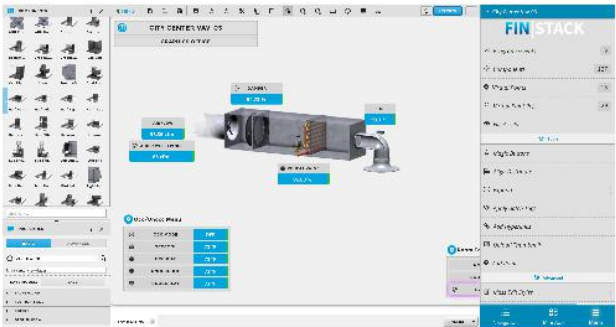
GRAPHICS

Imagine graphics that are automatically generated: navigation, point summaries and links to histories that simply work without any laborious setup, all combined with custom graphics that can be created super-fast with the best tools in the industry.

enlighted

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enlighted™

A Siemens Company

Enlighted Transforms Office Buildings

Enlighted digitizes commercial real estate and creates Brilliant Buildings™ that transform the office work experience, provide insights to optimize use of real estate, and lower operating costs.

Imagine if…
Buildings interact with building users…

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Digital transformation of Agnelli foundation's historical HQ

- Control my working environment
- Connected with colleagues
- Find work spaces
- Higher productivity
- Keyless solution to access the building
- Actionable insight

Desigo CC - Building Management System

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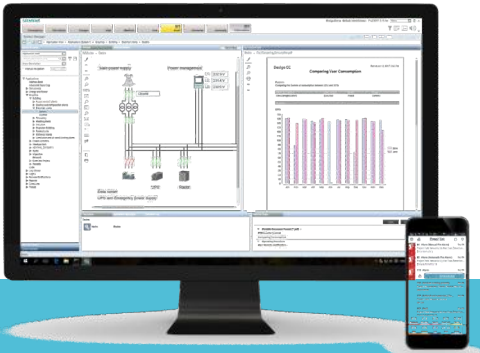**Functionality**

Desigo Control Point

- Operating and Monitoring
- Standard graphics
- Trend /Alarms/Schedules
- Email as remote notification recipient
- Single discipline

Desigo CC Compact

- Optimal features packs
- Trend comparison view
- Report viewer and editor
- Long term storage and archiving
- Single discipline
- Can run on embedded hardware

Desigo CC

- Distributed systems
- Advanced reporting
- Logics
- Unlimited clients
- Suitable for single or multi discipline projects
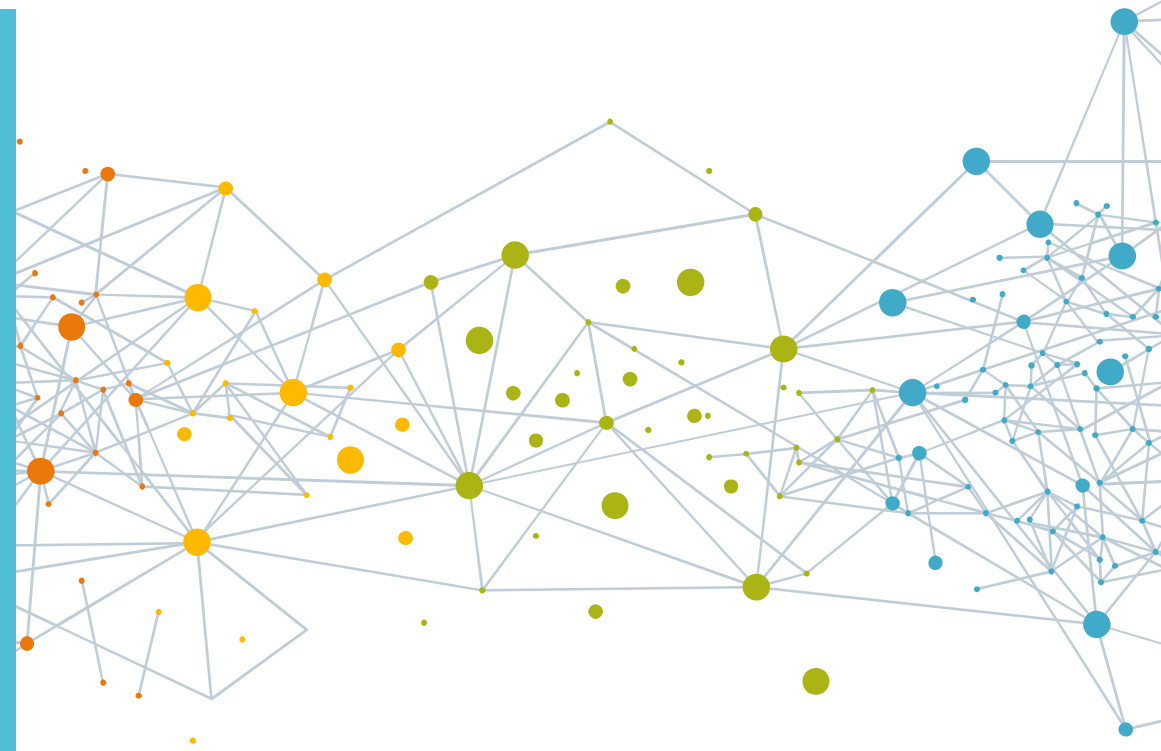
Infrastructure/Knowhow

Tailor the portfolio with "Desigo CC Ecosystem"

The Desigo CC Ecosystem is made up of technology, minds and experiences.

Developers, system integrators, solution partners, facility managers and OEMs benefit from **fast, dynamic and creative evolution of building management and the exchange of ideas, products and services.**
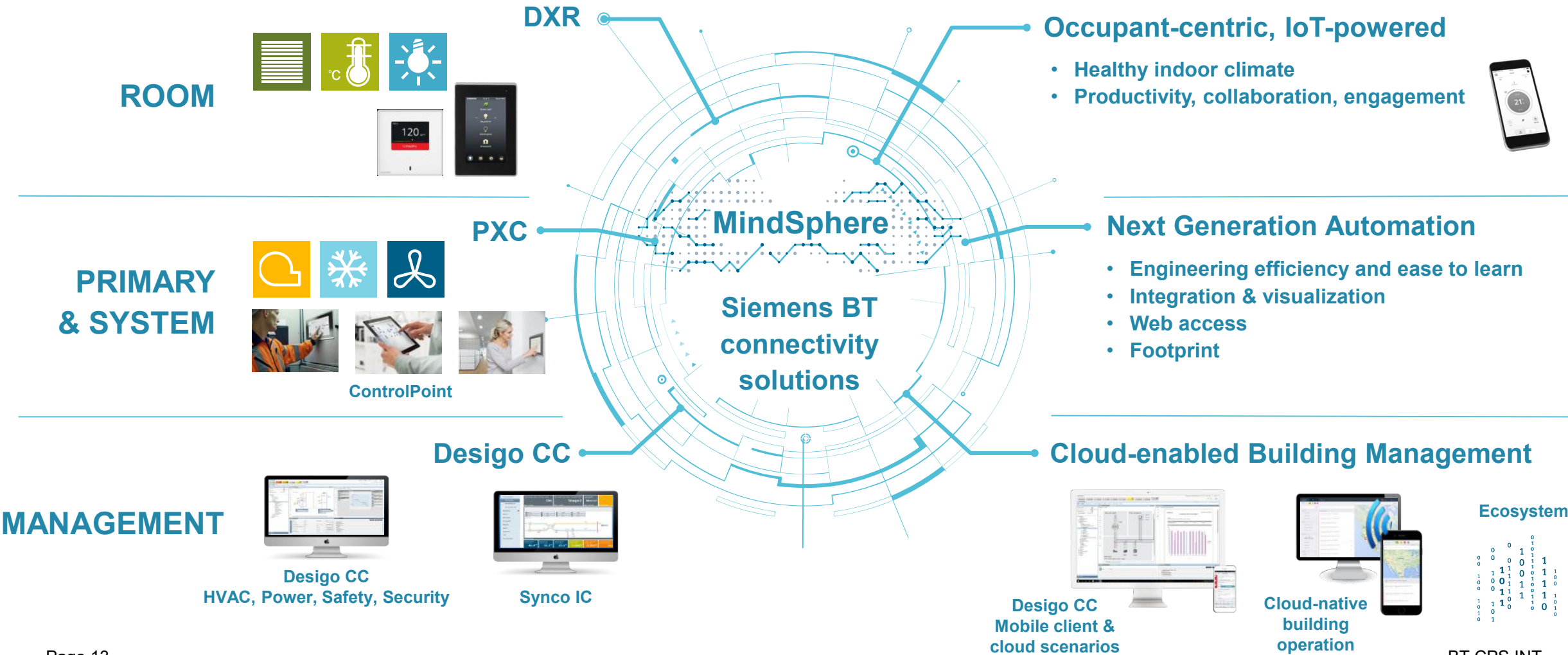
This simply means that the
Desigo CC Ecosystem connects buildings, people and applications

Making perfect places real

FROM TODAY'S AUTOMATION

TO DIGITAL ENHANCED PORTFOLIO

DXR

ROOM

Occupant-centric, IoT-powered

- **Healthy indoor climate**
- **Productivity, collaboration, engagement**

MindSphere

Siemens BT connectivity solutions

PXC

PRIMARY & SYSTEM

ControlPoint

Next Generation Automation

- **Engineering efficiency and ease to learn**
- **Integration & visualization**
- **Web access**
- **Footprint**

Desigo CC

Cloud-enabled Building Management

MANAGEMENT

Desigo CC
HVAC, Power, Safety, Security

Synco IC

Desigo CC Mobile client & cloud scenarios

Cloud-native building operation

Ecosystem

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SpecWriter Online
Building Automation Systems Tutorial

SpecWriter Online
Fire Systems Tutorial
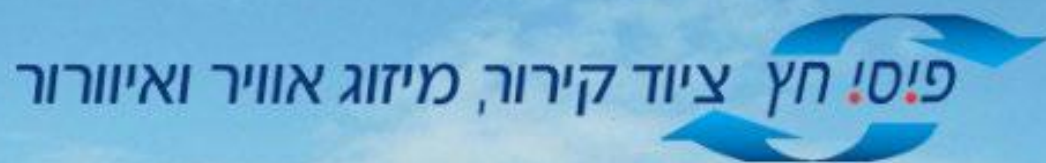
- **https://hit.sbt.siemens.com**

Thank you

Adrian Meili
Head Sales & Business Development
Middle East & Central Asia Region

Siemens is your trusted partner for creating perfect places today, tomorrow and beyond

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