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Project Haystack
Founding Member

J2 INNOVATIONS
A Siemens Company

The needs of Building Owners and Facility Managers are evolving

Requirements for multiple integration methods

Rapid scalability

Managing and standardizing more data

Onboarding and ease of use

Sustainable technology

Keeping up with software requirements for smart buildings, smart equipment and IoT

Mobile friendly

Control buildings and equipment from any device

UX design

Intuitive engineering and operator workflows

Data management

Optimized for analytics and data visualization

Openness & IoT

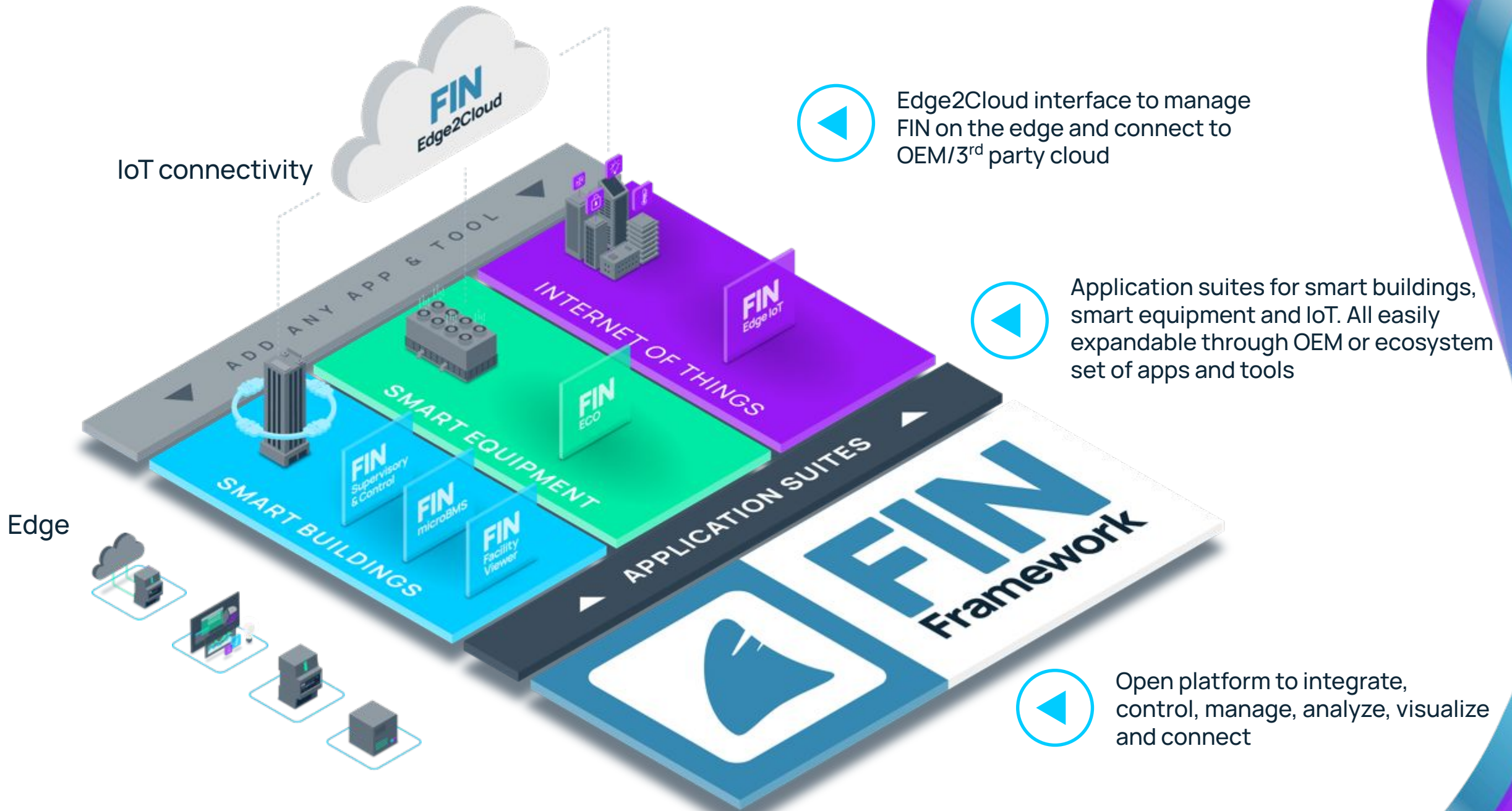Integrate any device, easy data transfer to cloud applications

Extensibility

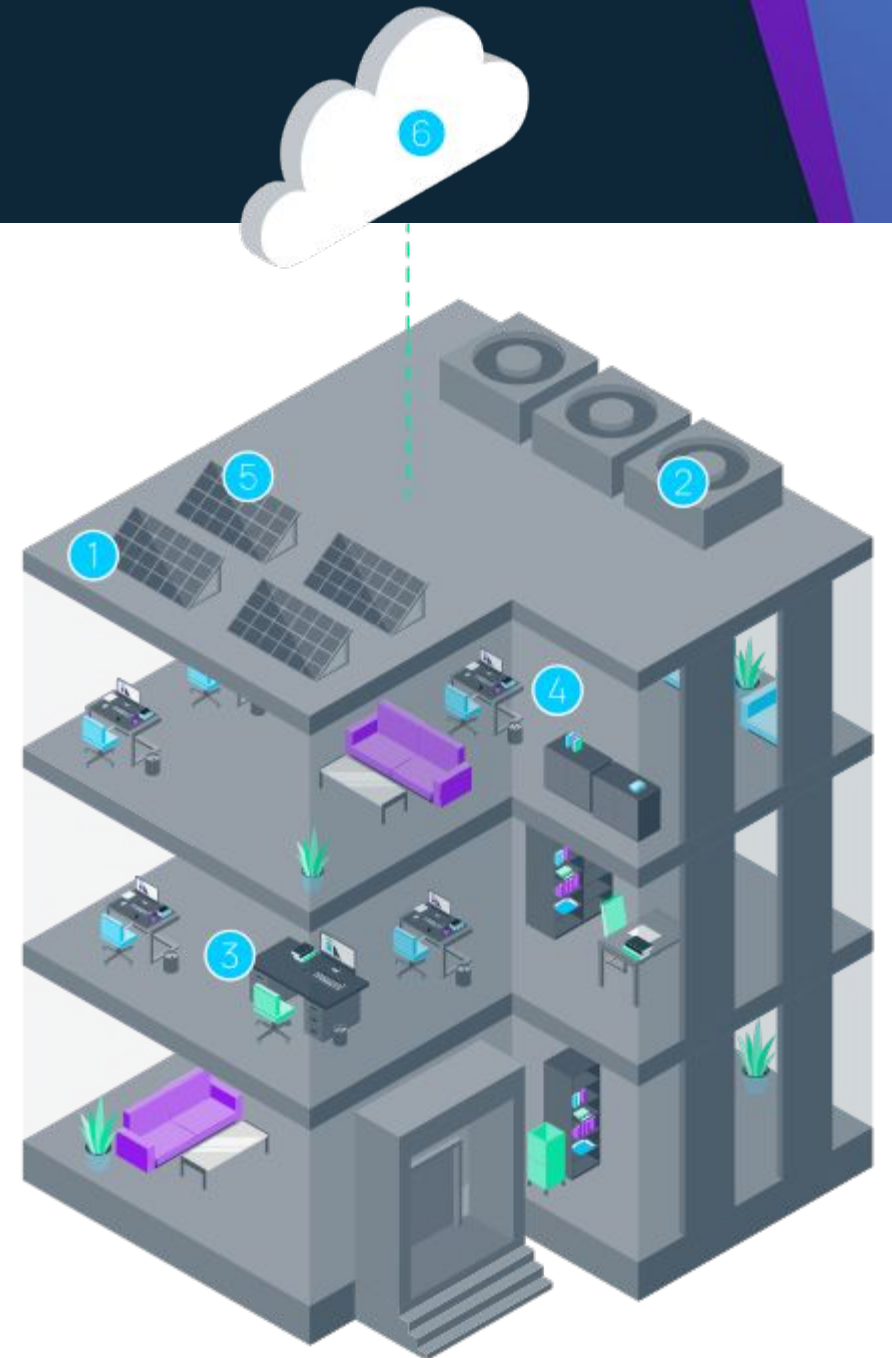Continuous supply of new value adding apps

Cyber security

Security by design, continuously evolving

Edge2Cloud interface to manage FIN on the edge and connect to OEM/3rd party cloud

Application suites for smart buildings, smart equipment and IoT. All easily expandable through OEM or ecosystem set of apps and tools

Open platform to integrate, control, manage, analyze, visualize and connect

IoT connectivity

Edge

ASHRAE BACnet™   Modbus   REST   MQTT   KNX   J2 INNOVATIONS
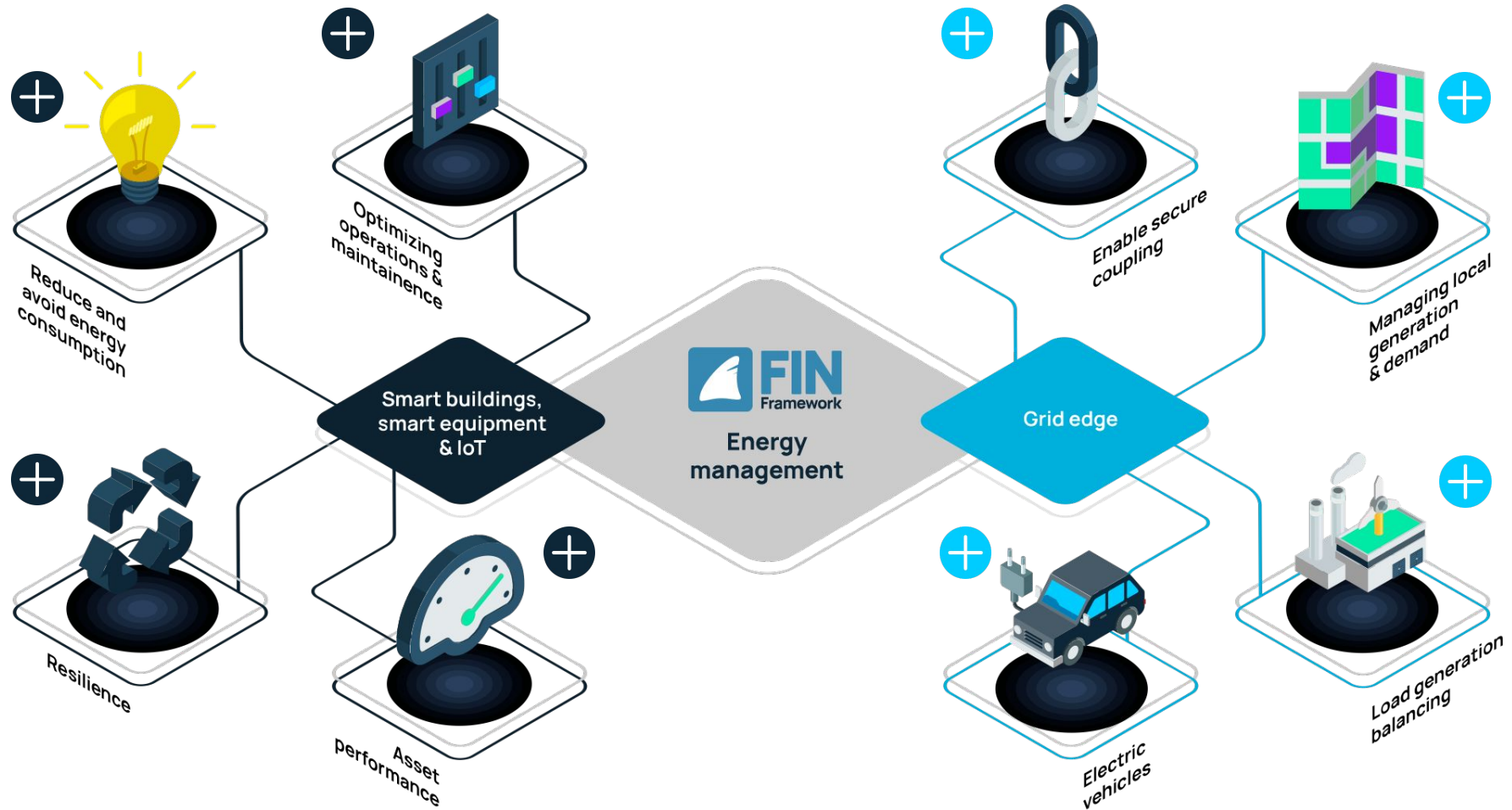
FIN Framework : Supervisory & Control Example

1. **Integrate multiple systems**
   Support for all the open protocols commonly used in buildings including BACnet, Modbus ,KNX & MQTT

2. **HVAC**
   Connect, manage, control and visualize a range of HVAC solutions with built-in templating and configuration

3. **Energy & power management**
   Manage power and energy performance with customizable dashboards and reports

4. **Lighting & shading control**
   Easy integration of lighting and shading applications for simple operation such as scheduling and zone settings

5. **Renewables**
   Integrate renewable energy sources and loads for demand management applications

6. **Remote management**
   Securely access building data with Edge2Cloud technology

Energy Management

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