## XYTE

# Building a Robust IoT Strategy for B2B

# Three Reasons OEMs are Turning to IoT

#### Monitor your devices from anywhere

Gain anytime anywhere device data to ensure your devices are operating as they should.

### Troubleshoot when issues arise

Be proactive about device maintenance and resolve issues quickly with cloud-based troubleshooting tools.

### Improve device lifecycle management

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Easily deploy firmware updates to keep your devices running smoothly and gain analytic insights to potential device degradations.

# 20%

growth per year for enterprise IoT<sup>1</sup>

# 65%

of manufacturers have an IoT strategy<sup>2</sup>

market size of industrial IoT in 2023,

growing by a CAGR of 17.9% through 2030<sup>5</sup>



active IoT connections expected by 2027, up from 16 billion in 2023<sup>3</sup>



in worldwide IoT spending in 2023<sup>4</sup>

((0))

# \$145 billion

# The 6 Components of an IoT Architecture

An IoT architecture includes the technology components and the relationship between those components. In some cases, the layers are made up of sublayers.



# An IoT system requires a powerful application layer that provides customers with:

Drill Down: Critical Features in a B2B Application Layer

• License entitlements for asset management

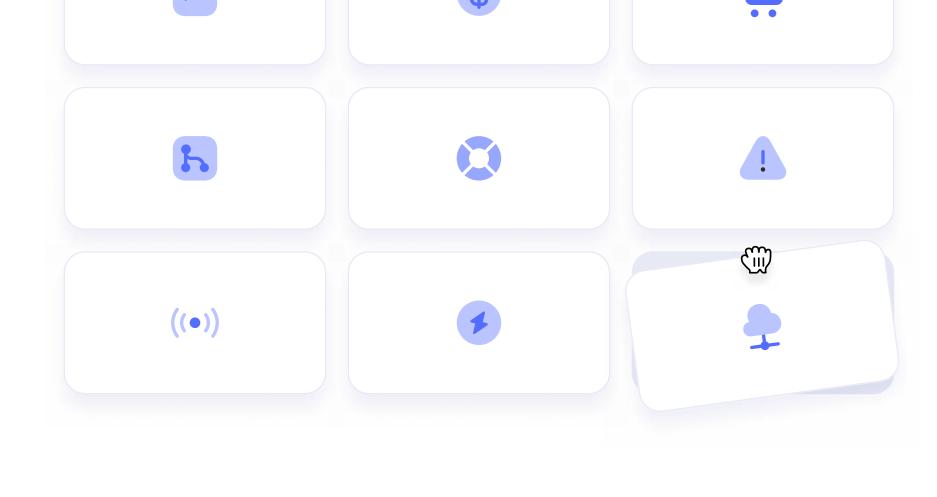
- Support center and ticket routing Integrations with CRM, ERP and other systems
- Commercialization tools

SSH tunneling (to cloudify previous)

- Access management
- Data visualizations and dashboards

local-only configurations)

Customer portal



### **Multi-tenancy & branding** Does your Customers manage their entire sub-fleet in a fully-federated,

Additional Considerations for B2B IoT Solutions

# loT platform support...

#### **Ecosystem connectivity** Collaborate with channel partners.

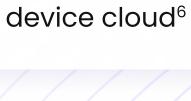
white-labeled manner.

Scalability Connect unlimited devices and customer tenants.

**Build vs Buy** 

Should you build your own IoT system or partner with an established provider?

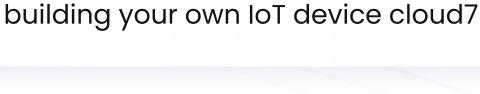
Consider the following:



~\$2M - \$10M

approximate costs to build your own IoT

See the <u>Build vs Buy debate for IoT Device Clouds</u>



~4-20X

faster to deploy a purchased solution vs

Let Us Do the Heavy Lifting

successfully navigate the future.

Schedule a Demo and Get Started Today

Whether you're just starting to think about connecting your devices or are already on the way to full digital transformation, Xyte offers OEMs tools to



<sup>1</sup> TechTarget

<sup>2</sup> Digital Operations Signals, Industrial IoT Solution Spotlight, Microsoft, July 2023 <sup>3</sup> State of IoT – Spring 2023, IoT Analytics

<sup>4</sup> Worldwide Internet of Things Spending Guide, IDC, May 2023

2 platform testers, 2 security engineers, and half-time salaries for a program manager and agile coach. <sup>7</sup> Digital Operations Signals, Industrial IoT Solution Spotlight, Microsoft, July 2023, and Xyte company estimates.

<sup>5</sup> Industry 4.0 check-in: 5 learnings from ongoing digital transformation initiatives, IoT Analytics <sup>6</sup> Based on 2023 average salaries in the US, according to talent.com, for a team of 2 cloud architects, 4 DevOps engineers,