# CONNECTING THE WORLD



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## Vision & Direction

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## Niagara Forum 2023

## Welcome!

# Thank you!

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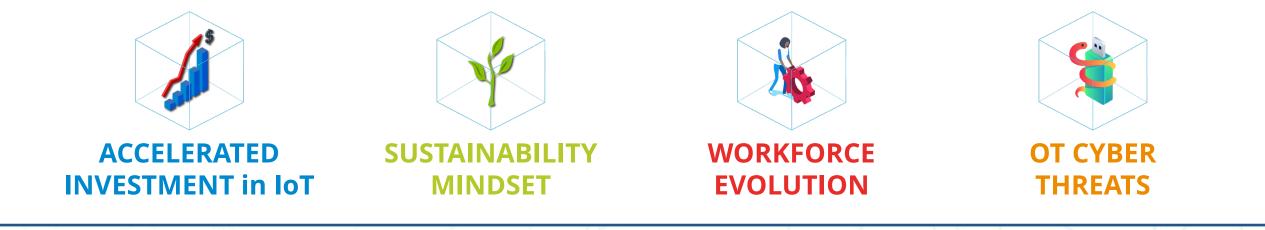
## Vision & Direction

### Market Landscape





## Market Landscape



This year there will be 4.9B connected things globally <sup>1</sup> - Forbes

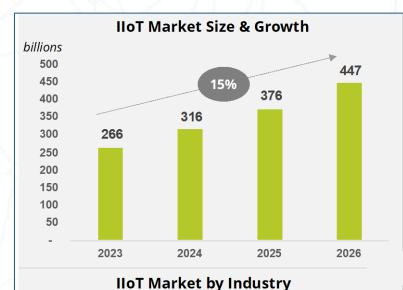
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Sources: 1 https://www.forbes.com/ 2 https://www.weforum.org/ 3 https://www.ela.europa.eu/ 4 https://www.fortinet.com/ 83% of consumers prioritize sustainability when making decisions <sup>2</sup> - World Economic Forum The most widespread shortages occupations are in software, healthcare, construction and engineering crafts <sup>3</sup> - European Labour Authority 93% of OT organizations experienced an intrusion in the past year; 78% more than three <sup>4</sup>

- Fortinet

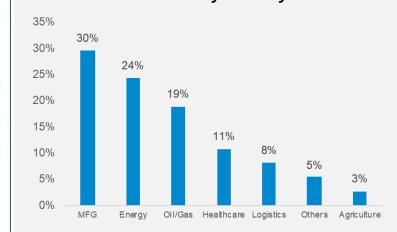
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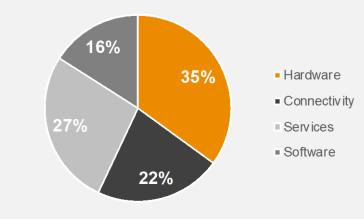
## Accelerated Investment in IoT



IloT Market Regional Breakdown

**IIoT Market by Solution Component** 





Large opportunity driven by data, analytics, and automation needed to meet business objectives

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SUSTAINABILITY

MINDSET

WORKFORCE

EVOLUTION

ACCELERATED

INVESTMENT in loT

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#### Source: Precedence Research

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OT CYBER

THREATS

## Sustainability Mindset

ACCELERATED INVESTMENT IN IOT UNVESTMENT IN IOT

WHICH ASSETS USE THE MOST ENERGY & EMIT THE MOST CARBON IN BUILDINGS?

Lighting 27%-----• Misc 14% -----Plug Loads 13% -----• Water Heating 6% -----• Elevator 4% -----• Refrigeration 2%-----

HVAC 35% ---

TYPICAL ASSET LOADS IN COMMERCIAL BUILDINGS



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Source: Energy Star, U.S. Energy Use Intensity by Property Type, August 2021, Accessed January 16, 2022

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## **Workforce Evolution**



### Some of the challenges:

- Hiring is challenging across the board
- Burn out creating employee
  turnover
- Hardest hit in most critical areas

### • Alternatives considered:

- Flexible work
- Sacrificing the 'perfect fit'
- Education versus training
- Investments in technology and automation
- Reskilling and upskilling





## **OT Cyber Threats**





### Why should you care?

## Ransomware and cyber security attacks are on the rise

## Depending on the attack, **YOU** could be held responsible

An 86% rise in attacks on hospitals and health care networks in 2022

- Check Point Research

Ransomware attacks in Europe exploiting a 2-yearold computer bug

- Associated Press

European Union Agency for Cybersecurity (ENISA) expects ransomware groups to disrupt OT systems

- securityweek.com





## Vision & Direction

**Product Vision** 



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## We believe in ...

Building on our core values to emphasize:

### 1. MAKING DATA READILY ACCESSIBLE

Make it easily and securely accessible from all systems to all parties for transparency and experience

#### 2. PROMOTING AGILE FACILITIES OPERATIONS

To accommodate for hybrid work environments and mixed-use facilities

### 3. CONTRIBUTING TOWARDS A SUSTAINABLE FUTURE

Buildings make up 40% of carbon footprint and we can help slash

### 4. CREATING SAFE, HEALTHY AND EXCITING SPACES

Real estate should serve as a strategic asset to help drive productivity and to attract and retain top talent

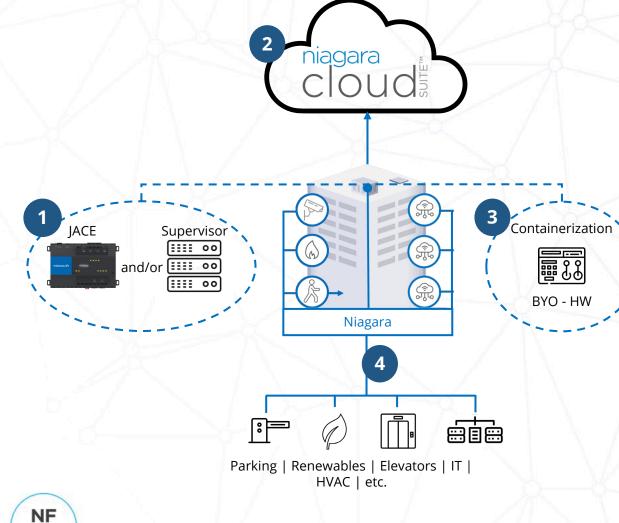
### 5. EMPOWERING THE NIAGARA COMMUNITY

Provide the community with the right products, tools, and enablement to serve customers and attract great talent





## Informs our product vision ...



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### 1 Committed to our core offerings:

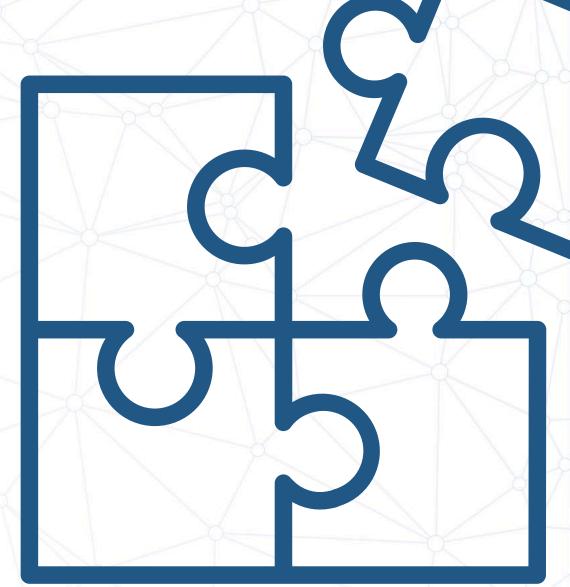
- Niagara
- JACE & Edge10
- Enterprise Security / Analytics
- 2 Extending supervisor services to the cloud and providing a marketplace for our community
- 3 Making Niagara easier to consume and deploy
- Providing a common interface / toolset for the management of control peripheries across an OT network



## What you should expect

# Our product development is focused on:

- 1. Improving the **security posture** of our community
- 2. Simplifying **workflows** for SIs
- 3. Creating **growth opportunities** for our partners to enable them to provide a higher quality of service



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