

Hall 7A

CHILLVENTA

Chillventa Specialist Forums 2024
Chillventa Fachforen 2024

**CONNECTING
EXPERTS.**



Alsense®

Optimizing Food Retail performance and operations
with a data driven approach



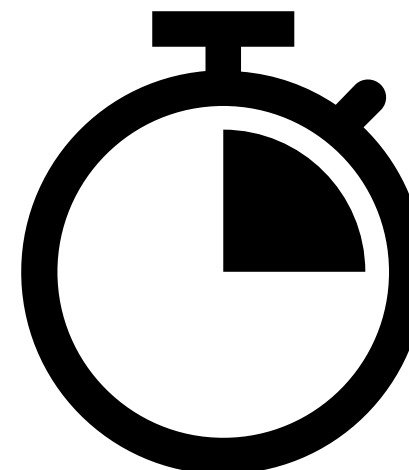
Jacob Wamberg
Head of Sales, Digital Services

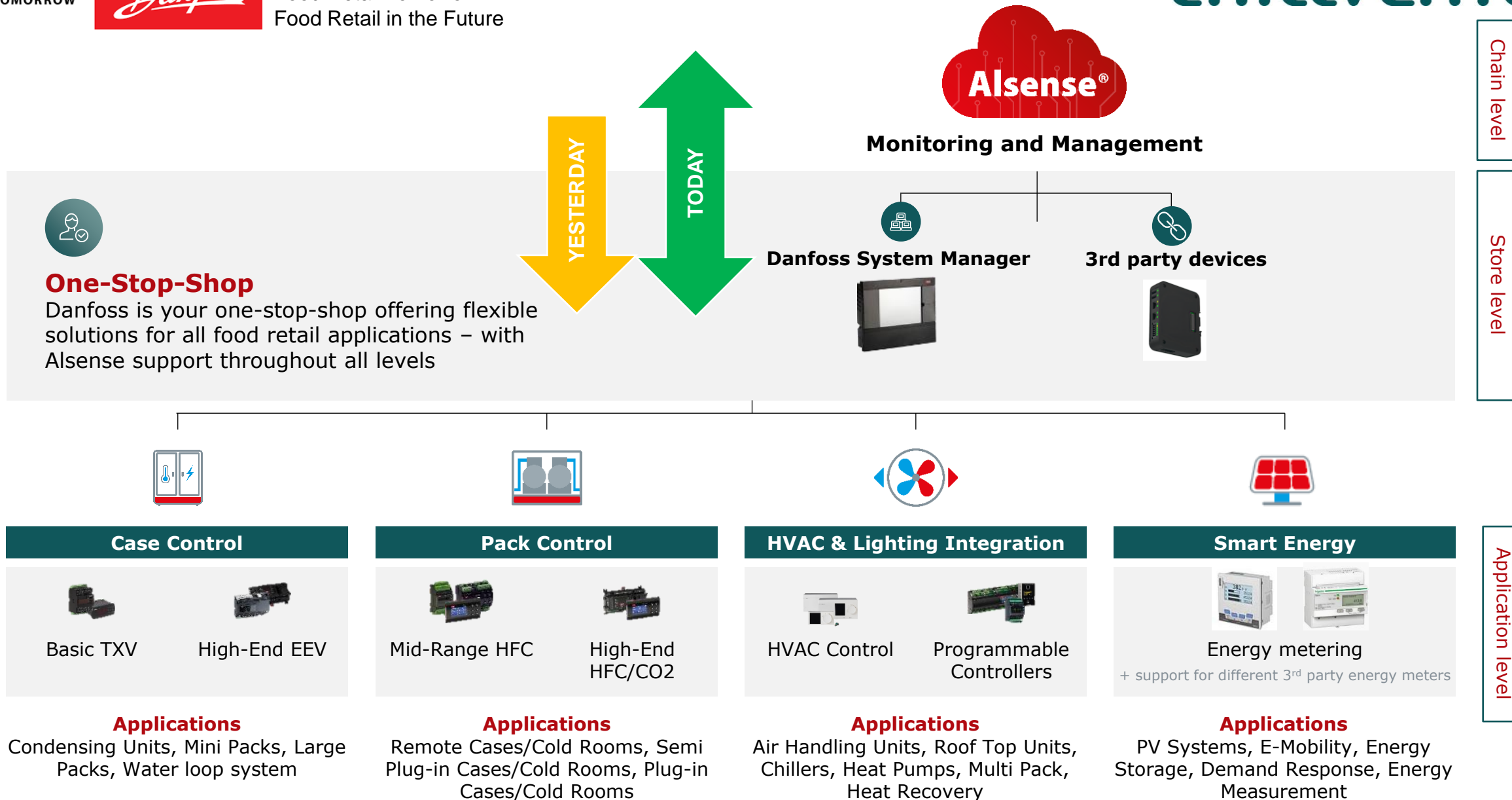
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Agenda

- Food Retail Today
- Food Retail Tomorrow
- Food Retail in the Future
- Questions







AlarmHub

TempHub

ALL

ServiceHub

EcoHub

HVAC-R Alarms & alerts

Identifying, triaging and notifying if immediate action is needed



Temperature management & Compliance

Ensuring temperature quality and food safety reporting



Refrigeration system optimization

Resolving issues and preventing reoccurrence



Maintenance Support

Providing digital tools to improve operational efficiency and security



Energy efficiency

Visibility of energy performance at chain and store-level



Service manager



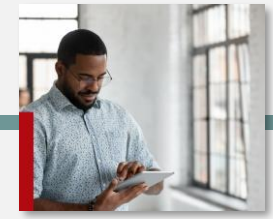
Store manager



Technician



Maintenance manager



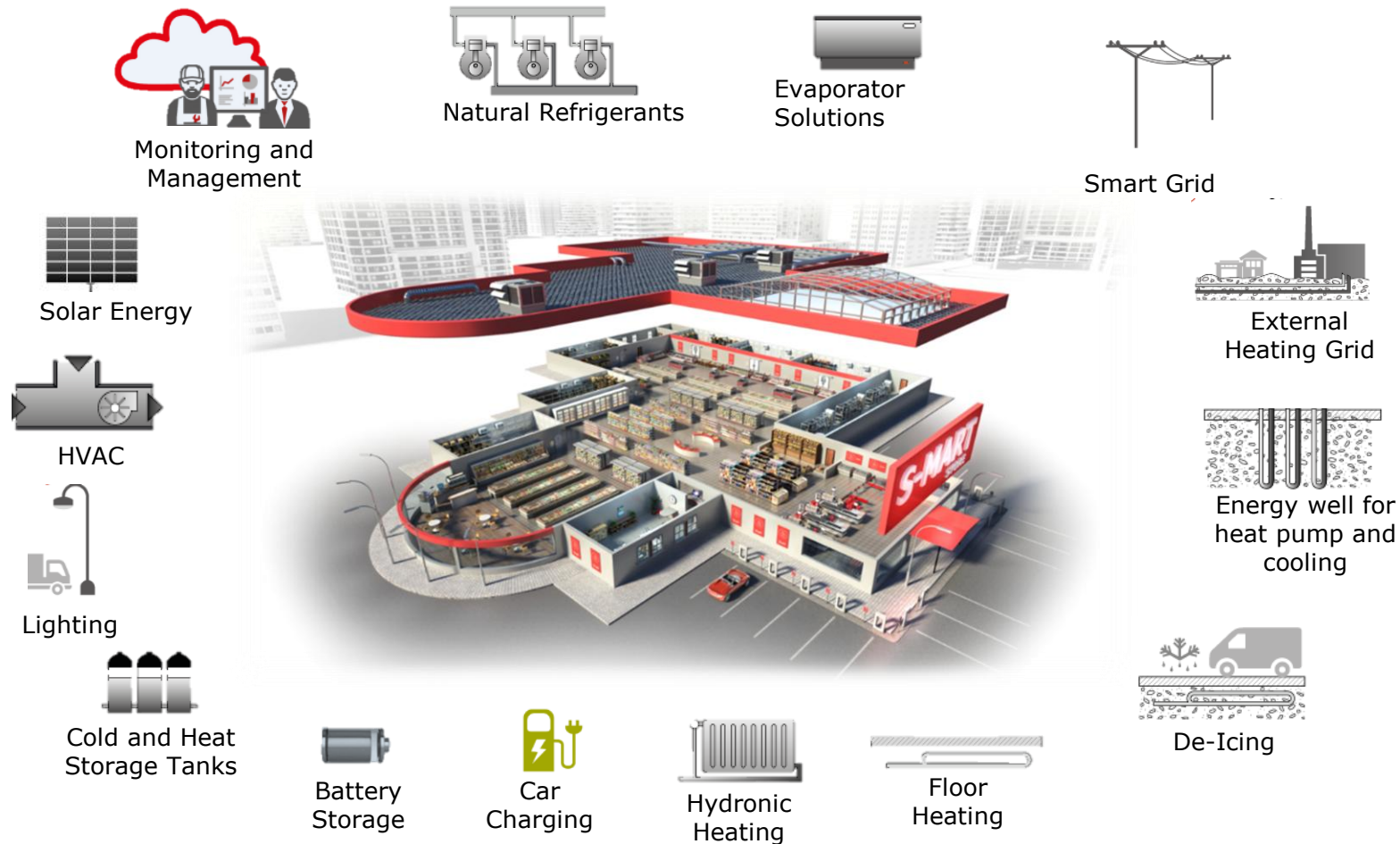
Energy manager



Alsense IoT platform provides the ideal infrastructure to work efficiently across your existing eco-system



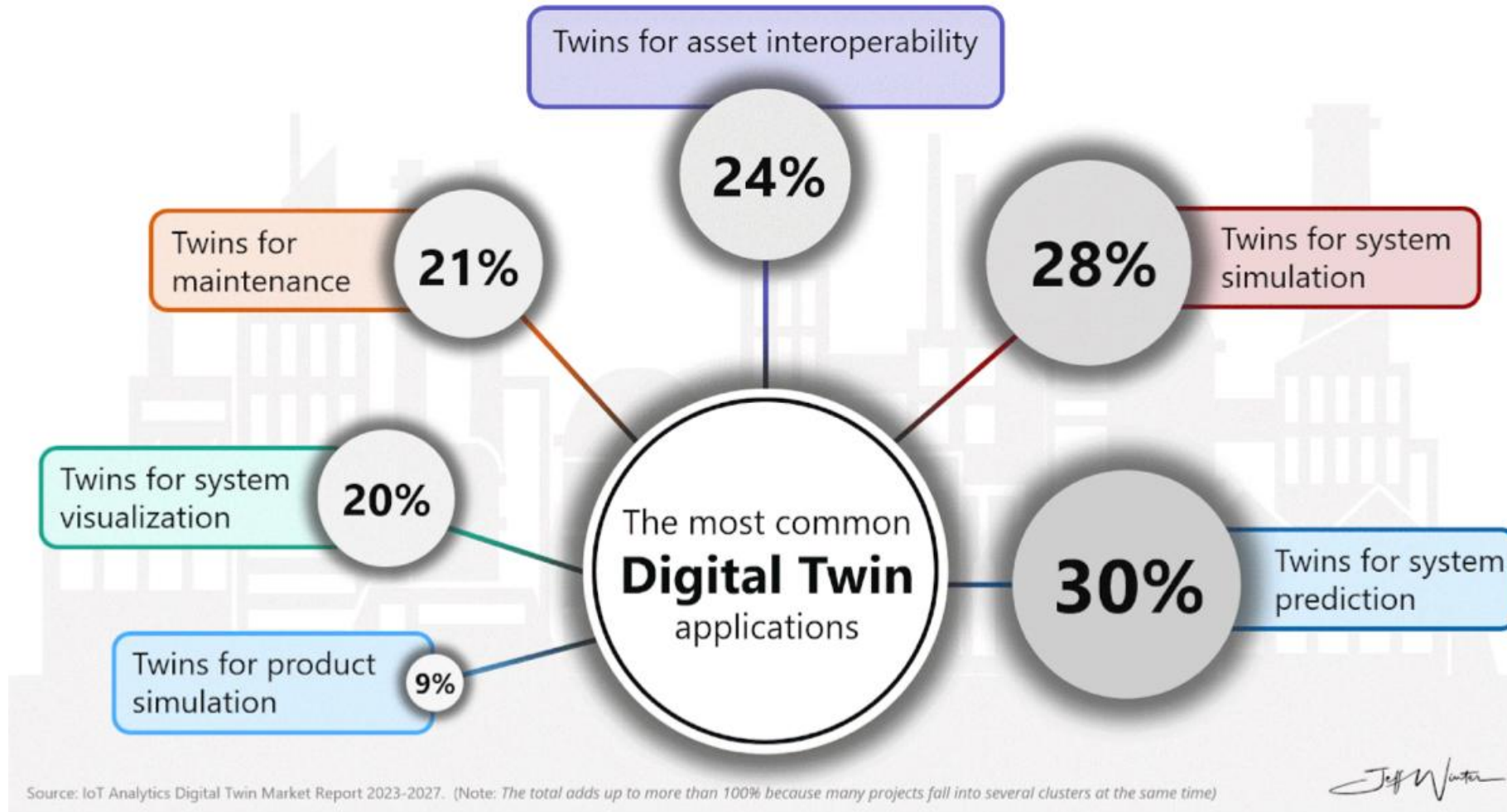
THE SMART STORE... in the center of the energy universe



CHILLVENTA

OUR DOMAIN KNOWLEDGE





TRENDS

1. Digital twins deployed to meet **sustainability** goals
2. Digital twins employed as **virtual sensors** in complex conditions
3. Partnerships forged in the clouds: **Hyperscalers team up** with OT and simulation specialists
4. Initiatives promoting interoperability of **digital twins across systems** from different vendors



AlarmHub

TempHub

ALL

ServiceHub

EcoHub

HVAC-R
Alarms & alerts

Manage difficult alarms, that was not auto-resolved or not timely picked up

Temperature
management &
Compliance

Focus on the store and manage only direct alerts.

Refrigeration
system
optimization

Optimize and resolve issues based on digital guides and recommendations

Maintenance
Support

Simulate Solutions
Provide digital tools to improve operational efficiency and security



Energy efficiency

Monitor and **approve suggested savings** configurations based on external data



Service manager



Store manager



Technician



Maintenance manager



Energy manager



Alsense IoT platform provides the ideal infrastructure to work efficiently across your existing eco-system

THANK YOU!



Questions Now

Or write to:
jacob.wamberg@danfoss.com

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