

# Unwired Networks

The #1 platform for orchestrating edge devices, apps and networks.



BELDEN

WESTERMO



CAF

televic

SIEMENS  
Ingenuity for life



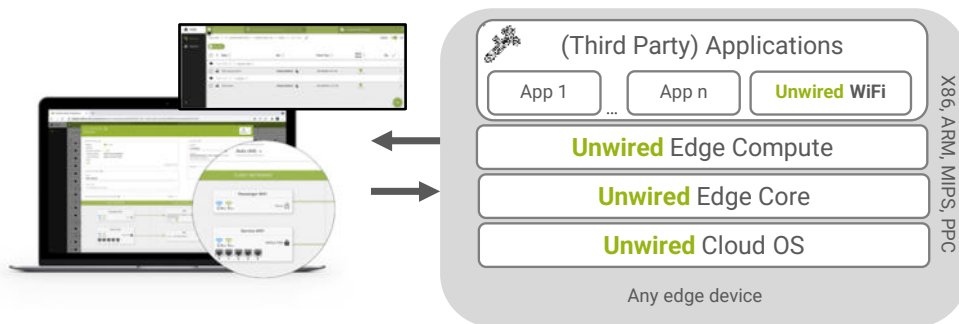
STADLER

# Scaleable edge networking and app orchestration for industrial use





## We are Unwired Networks

-  **Efficient, reliable and secure** hardware agnostic platform for **edge networking & application orchestration**
-  **Management Cloud and Edge Device Operating System (PaaS)**
-  Enabling **software defined networking** and **edge computing on thousands of devices** for multiple industry segments
-  Founded in 2011, **25+ cloud-to edge experts, 100% founder owned** and managed

## Orchestrate the edge with cloud based tooling



## Our competitive advantages

-  **Reliable Connectivity**  
State-of-the art connectivity for carefree operations and integrations
-  **Cloud Management & Virtualization**  
Centralized cloud-based management and virtualization of networks and devices
-  **Zero Configuration**  
Straightforward and quick implementation into all types of infrastructure
-  **Hardware Agnostic**  
Seamless integration with any edge hardware device

## Partnering with both software and hardware vendors



**Remove Advantech, replace according to comment**

Alexander Szlezak; 06.11.2023

# Customers and segments

Industrial & OEM

Unwired  
Networks



Railway & Bus operators



Hardware manufacturers



3 Legacy  
Retail & Tourism

**AS: Think if we replace them with cloudlink customers**

Alexander Szlezak; 06.11.2023

# Tackling edge orchestration ops challenges



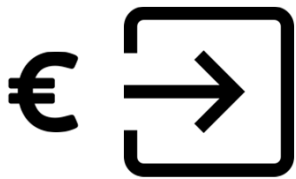
**Manual Installation**



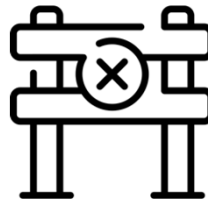
**Bad and Insecure Updates**



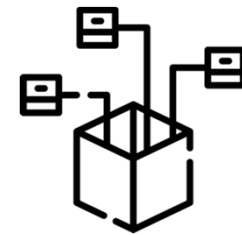
**Vendor Lock-in**



**High Entry-Price**



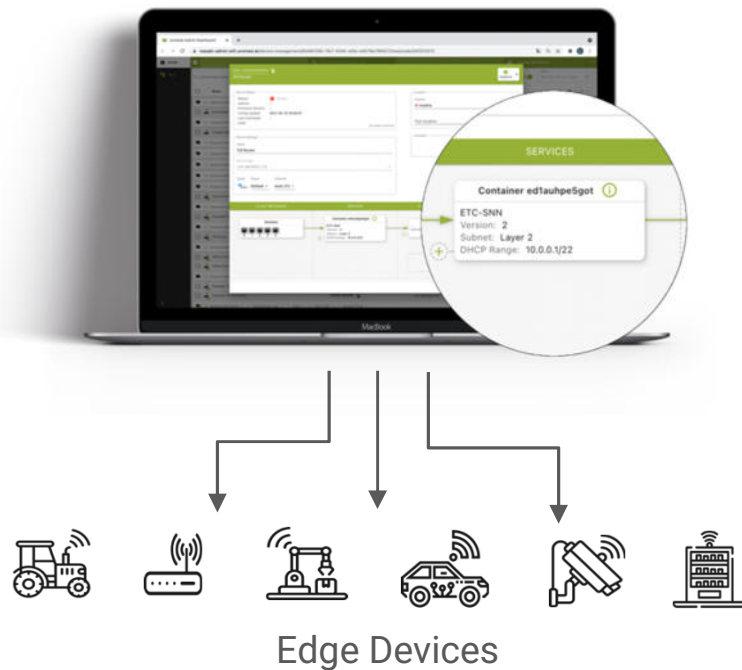
**High Entry-Barrier**



**Deploy Edge Applications**

# Providing an industry wide end-to-end solution

## Unwired Edge Cloud



Device Management

Edge Computing

Edge Connectivity

## Reliable Connectivity



- State-of-the art connectivity for carefree operations and integrations
- Security as part of core lifecycle

## Cloud Management & Virtualization



- Centralized cloud-based management & virtualization of networks and devices
- Fast, reliable and secure uplinks

## Zero Configuration



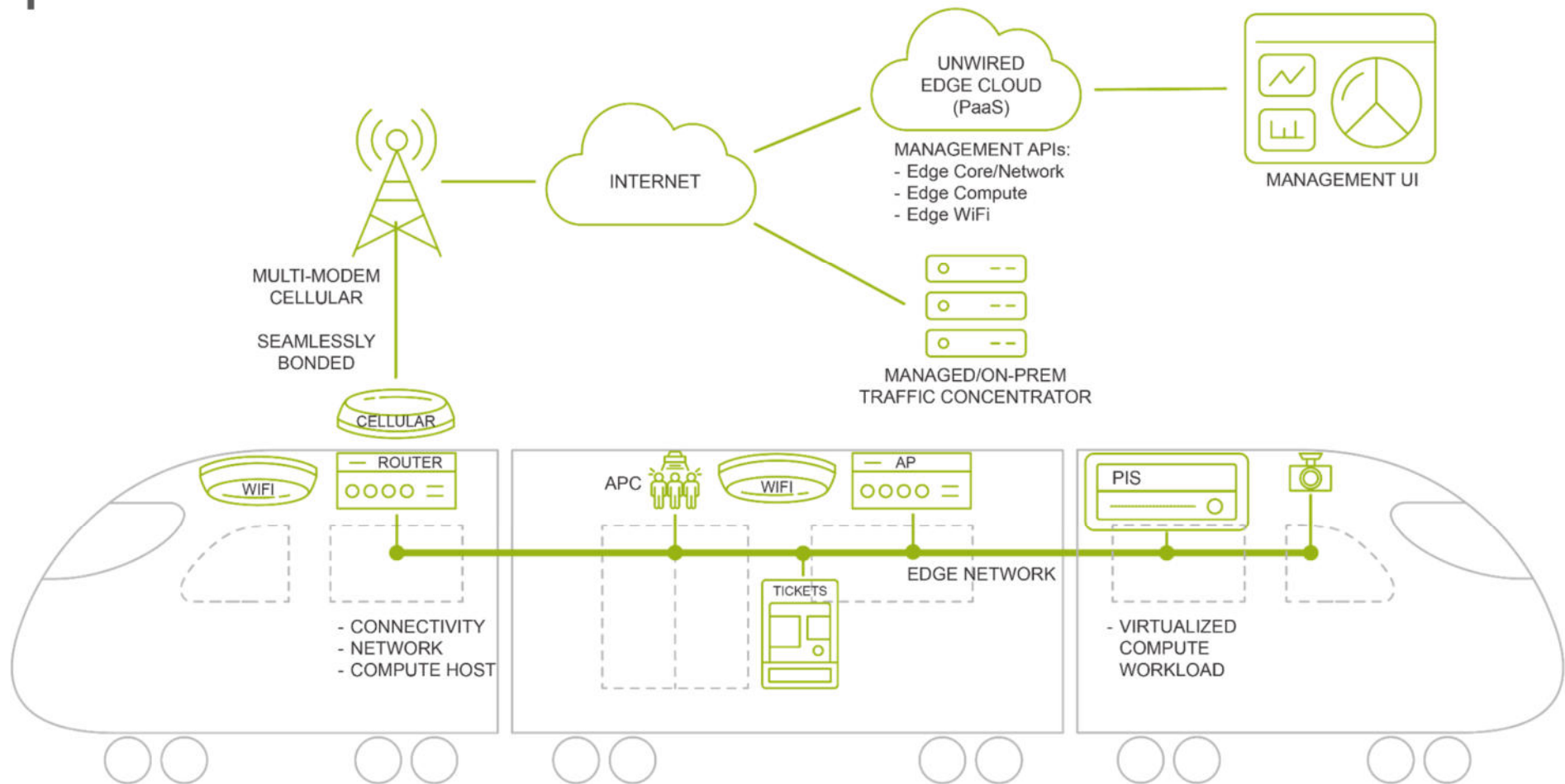
- Straightforward and quick implementation into all types of infrastructure
- Get any Linux app running in 2 min

## Hardware Agnostic



- Seamless integration with any edge hardware device
- Attract through openness

# Unwired Edge Cloud for transportation applications





# Cloud-orchestrate edge devices, apps and network

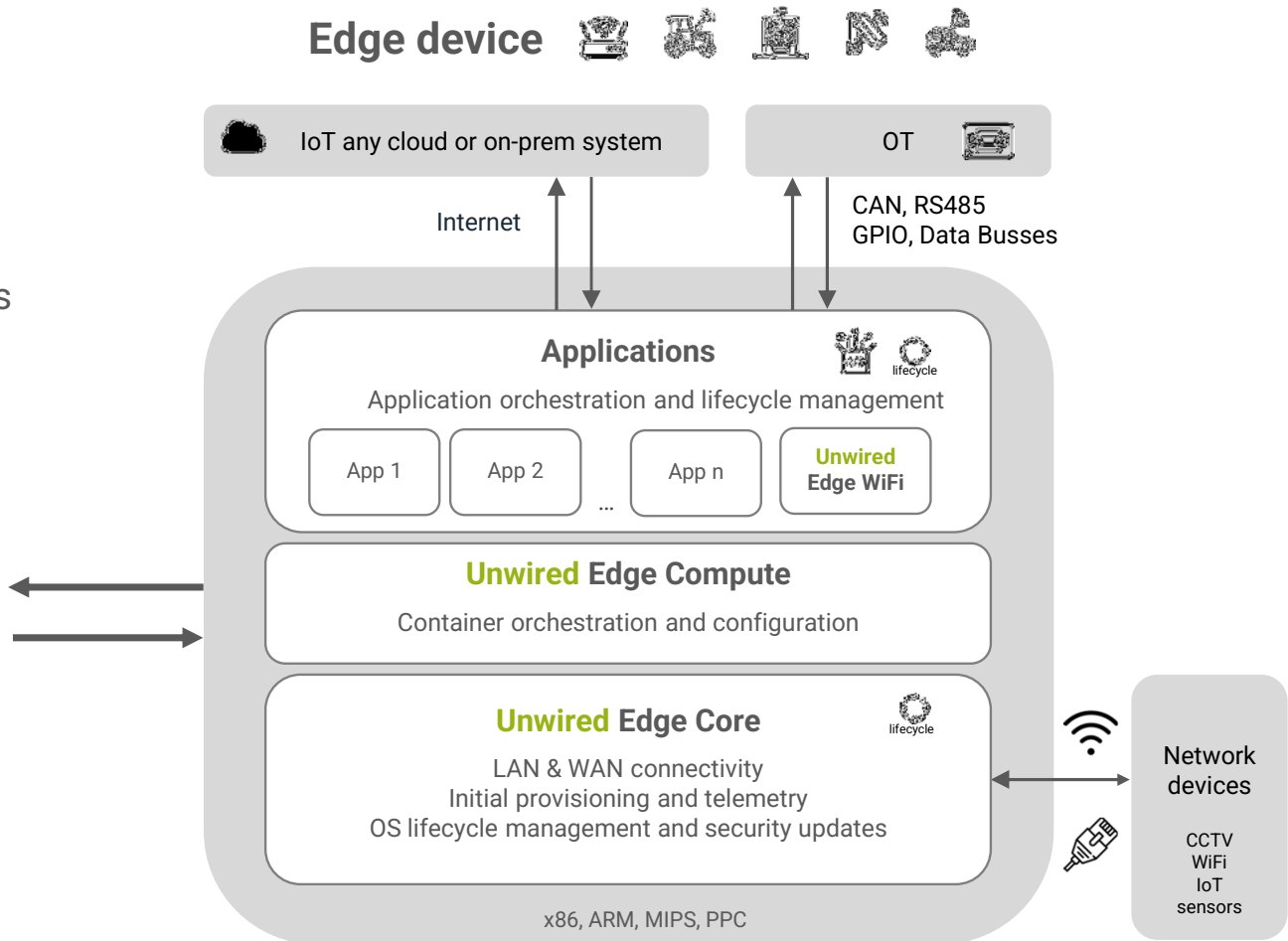
## Unwired Edge Cloud



### APIs for

- Device Management
- Telemetry
- Metrics
- Container/Application Deployments
- Network Configuration
- Connectivity

Simple  
UI



# Being at the center of the Edge IoT ecosystem

selection of partners/customers



Leveraging our go-2-market by partnering with key players in the ecosystem

# Supercharging Televic GSPs MKR Flex onboard computing platform

televic GSP



Unified device, update and network management on board of trains



Edge virtualization of existing Televic GSP software



Powerful networking passenger WiFi platform



# Retrofitting Westfalenbahn with train-to-ground communication, edge computing and networking

Unwired  
Networks



**Reliable WAN bonding and software defined networking on board**



**Enabling PIS solution by virtualizing ETC Solution software on board**



**High speed WiFi for passengers and connectivity for train staff**



# Passenger WiFi and a Smart Network for the ÖBB Postbus for all onboard applications



**Delivery of all essential devices**



**Implementation of a VPN technology and content filter**



**High speed WiFi for passengers and integration of on-board applications like cameras and ticketing machines**



Embedded app and mass device  
deployments made easy.

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