

# Linking KNX installations with other protocols and systems

NETxAutomation

WOLFGANG GRANZER & BASTIAN ELSNER | 15.11.23

elsner | academy

**NETx**  
AUTOMATION

# Agenda

1. Speakers
2. Introduction: Elsner Elektronik GmbH
3. Introduction: NETxAutomation Software GmbH
4. KNX Integration
5. Products



# Your Speakers



**Bastian Elsner**  
CEO  
Elsner Elektronik



**Stefan Baumgartner**  
Sales Manager  
NETxAutomation

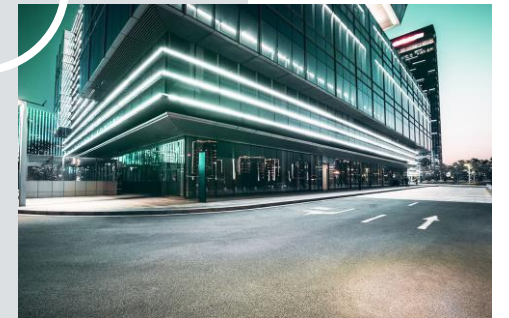


**Wolfgang Granzer**  
Product Manager  
NETxAutomation

# 1 | Introduction: Elsner Elektronik

# What is the advantage of working together?

- Competitive purchase of NETx is possible via Elsner
- Technical regional support from NETx and consultation
- Elsner specialisation paired with NETx solution to fulfill project requirements
- Project one stop solution with hardware (Modbus, KNX, BACnet) and NETx Visualization to full BMS platform with seamless integration
- GRMS, BMS, Visualization and multi protocol approach
- Scalable seamless integration with secure remote access and control tailored for your building automation project powered by NETx and Elsner





A photograph of a modern, multi-story glass building facade, likely a corporate headquarters, with a dark blue tint. The building features a grid of windows and a prominent corner structure. The foreground shows a paved street with white directional arrows.

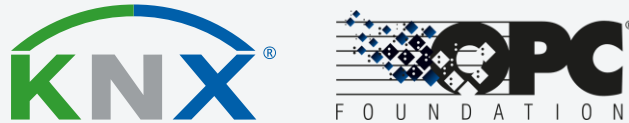
# 1 | Introduction: NETxAutomation Software GmbH

# NETxAutomation Software GmbH



# NETx solutions – main goals

Applications are based on open,  
world-wide standards



## Continuous development and enhancement of products



Member of OPC Foundation,  
KNX Association, BACnet International, Modbus  
Organization



Participation in the development  
of standard specifications



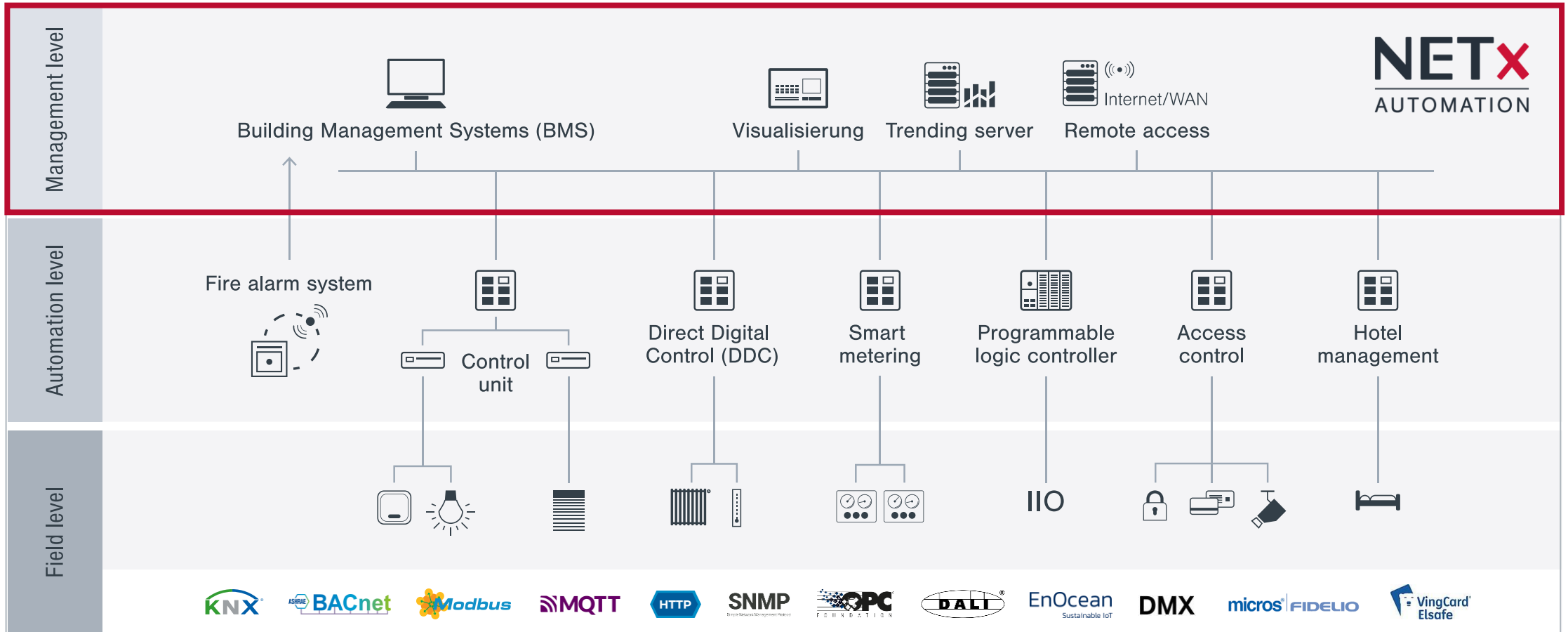
Close cooperation with universities:  
TU Vienna, University Antwerp, University Dresden  
for knowledge transfer



EU-wide research projects allow the integration of  
new systems and technologies

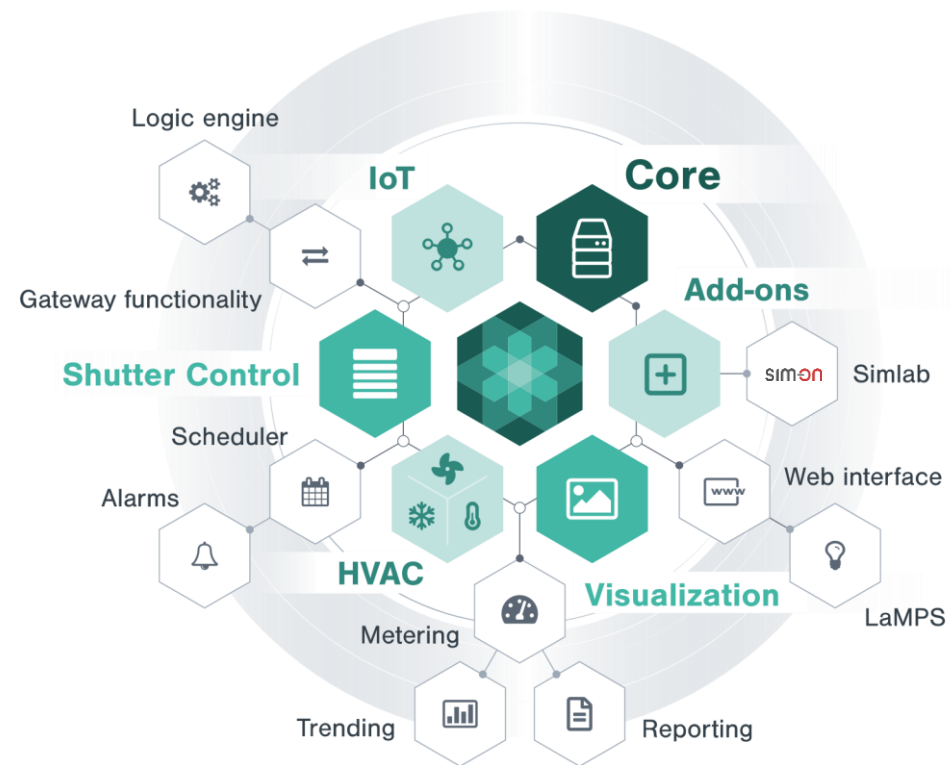


# Solution overview



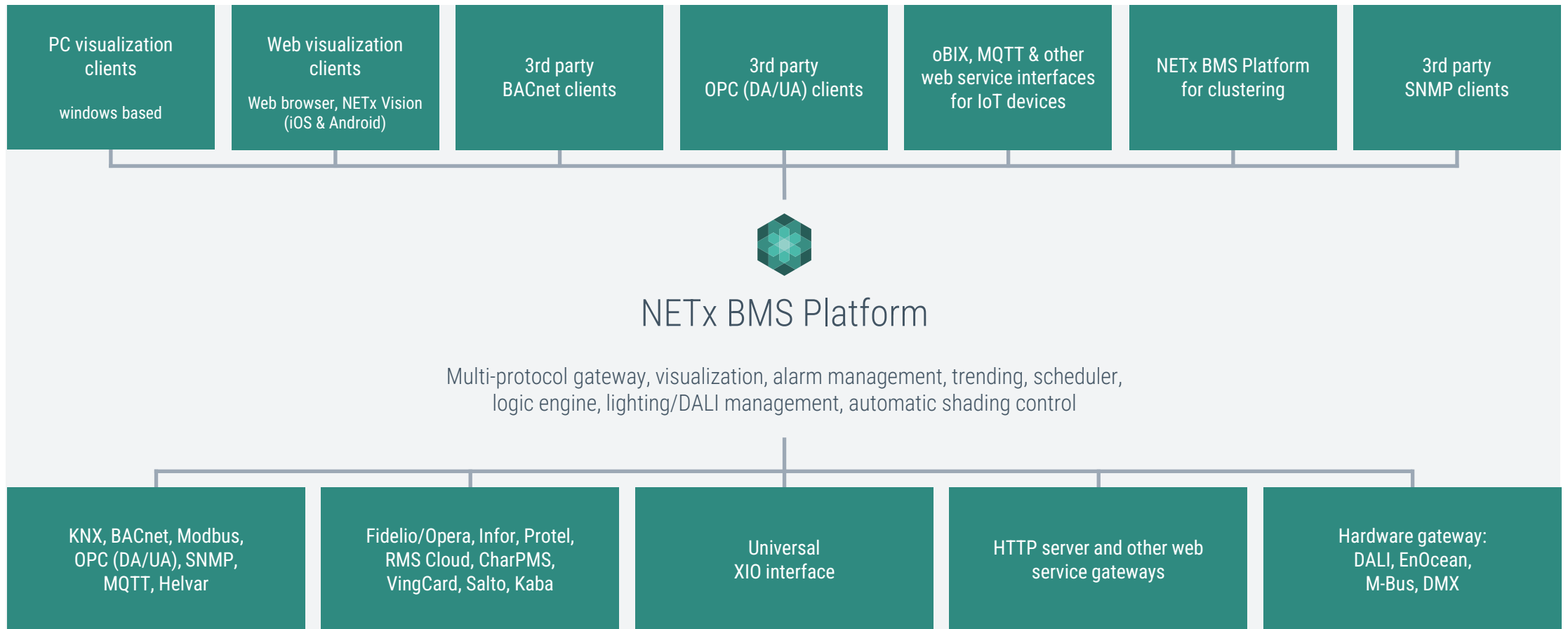
## 2 | Products

# NETx BMS Platform

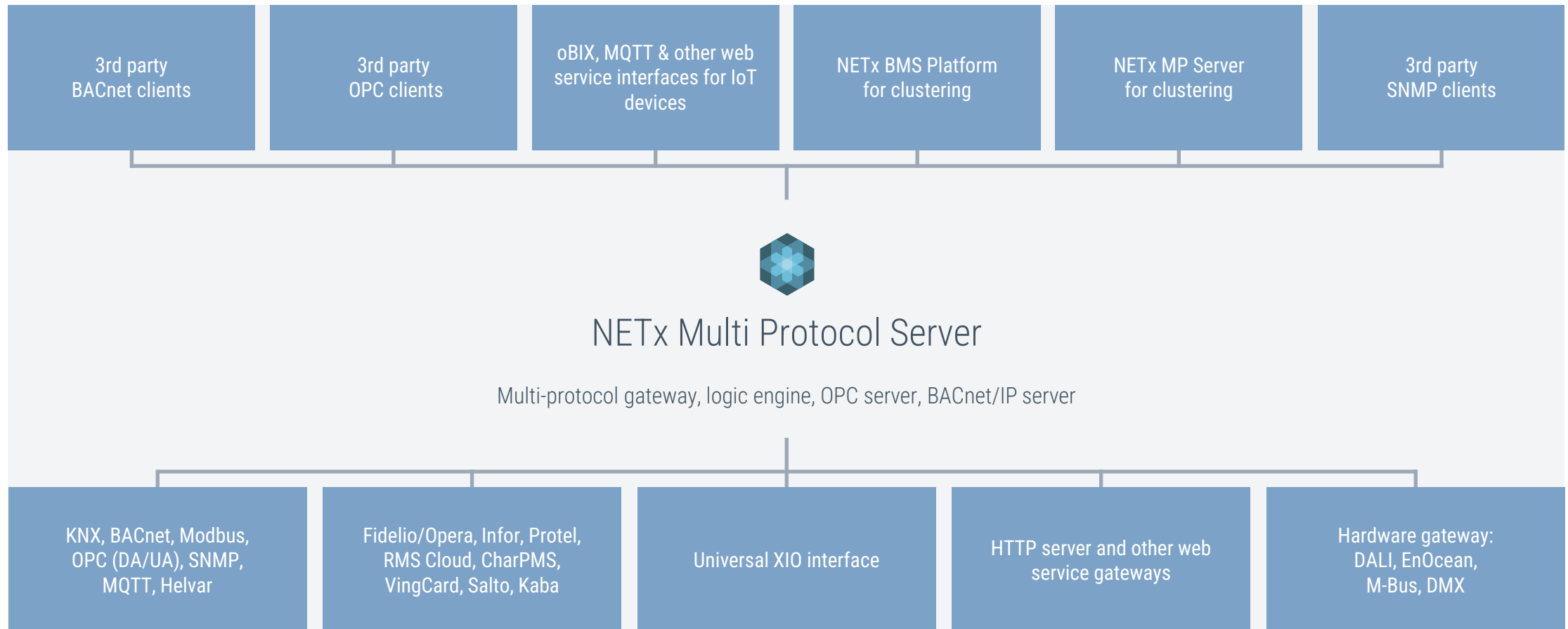




# NETx BMS Platform



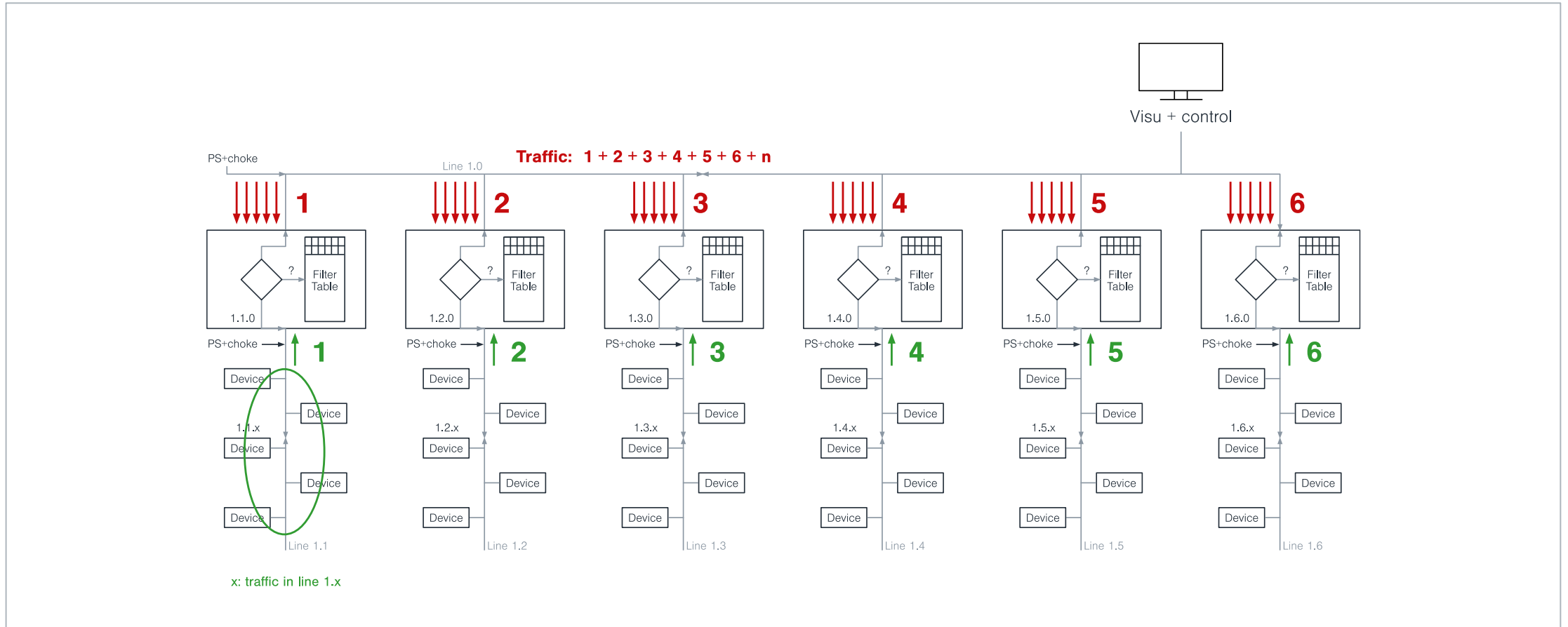
# NETx Multi Protocol Server



## 3 | KNX Integration

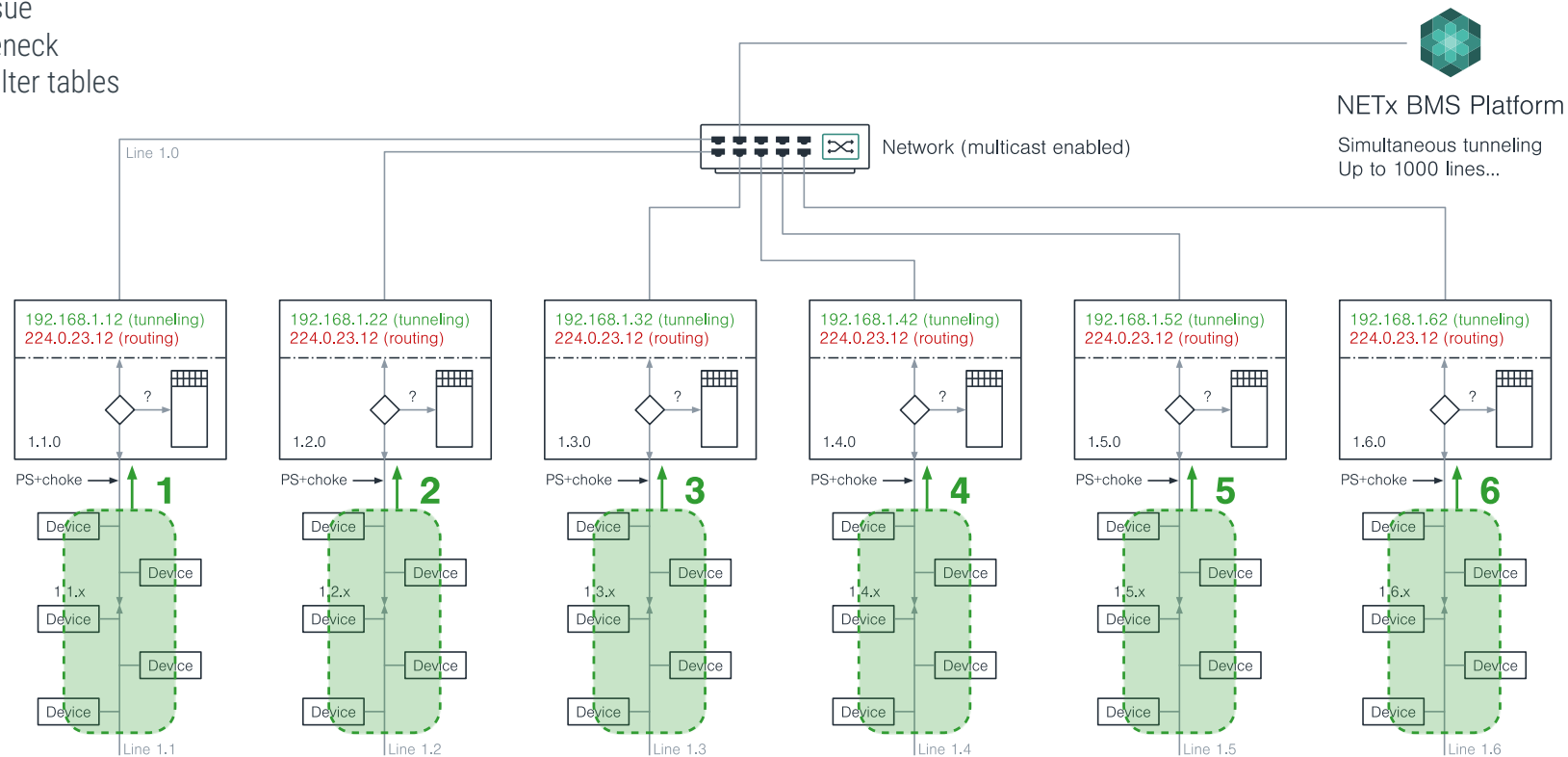


# TP Classical configuration (TP Coupling)



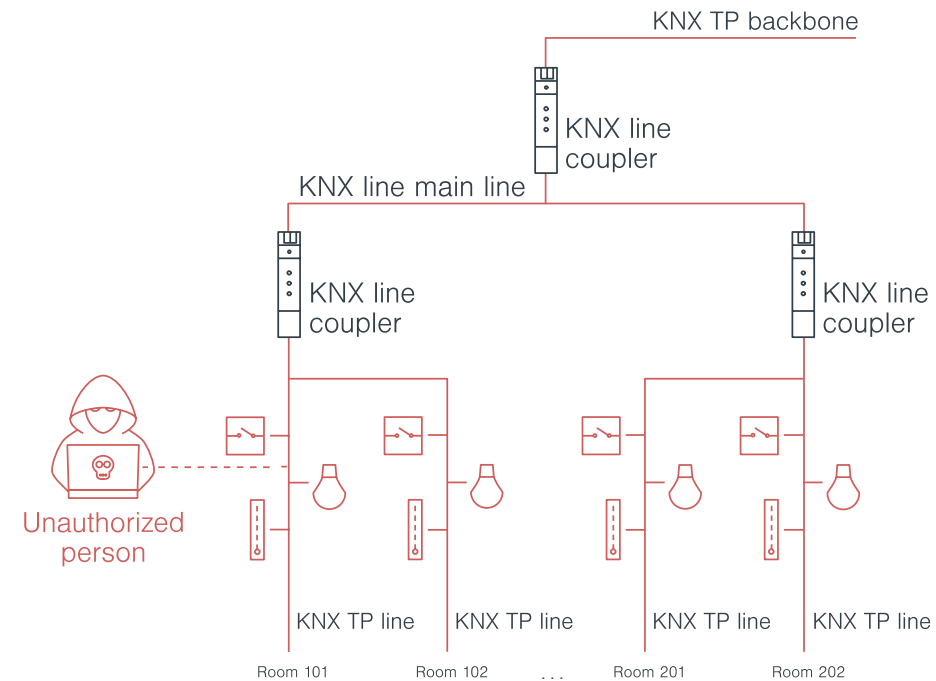
# IP configuration including NETx Platform (IP routers)

- No bandwidth issue
- No coupler bottleneck
- No need to edit filter tables



# Defence in depth in hotel projects

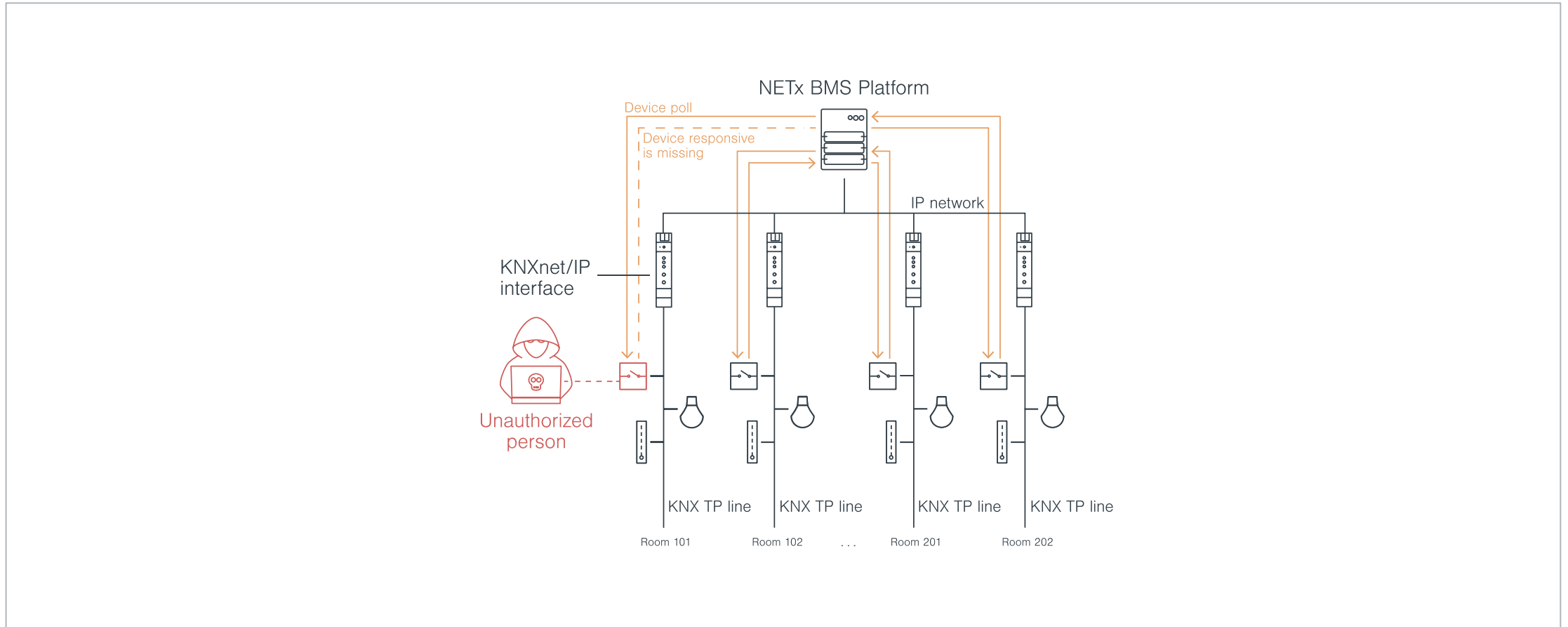
Insecure integration





# Intrusion detection with BMS

## Device monitoring



# Contact



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# Links



Software download

<https://www.netxautomation.com/download/software>



License request

<https://www.netxautomation.com/support/license-request>



Knowledge base

<https://netxautomation.atlassian.net/wiki/spaces/NKB/overview?mode=global>



Training videos

<https://www.netxautomation.com/support/training-videos>



Thank you for your attention!

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