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Case study: Sensor monitoring  
with Zabbix at an electronics  
manufacturing plant

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## Zabbix at an electronics manufacturing plant

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- Zabbix is used to monitor CO2, humidity and temperature sensors at an Electronics manufacturing plant
- Zabbix monitors ~50 sensors
- Sensors generate alarms and forward them to Zabbix



## Zabbix at an electronics manufacturing plant

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- Zabbix actions perform various alerting functions
- Notify the responsible staff via email messages
- React to a variety of environmental metric changes
- For example, forward alerts to fire alarm controller

## Zabbix at an electronics manufacturing plant

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- Sensor data is collected via LoRa gateways
- Data is then forwarded to ChirpStack server
- ChirpStack - open-source LoRaWAN Network server
- Data is collected, verified and parsed
- The parsed data is sent to Zabbix trapper items via Zabbix sender





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Thank you!  
Q&A

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