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

Zabbix at an electronics manufacturing plant

- Zabbix is used to monitor CO_2, humidity and temperature sensors at an Electronics manufacturing plant

- Zabbix monitors ~50 sensors

- Sensors generate alarms and forward them to Zabbix

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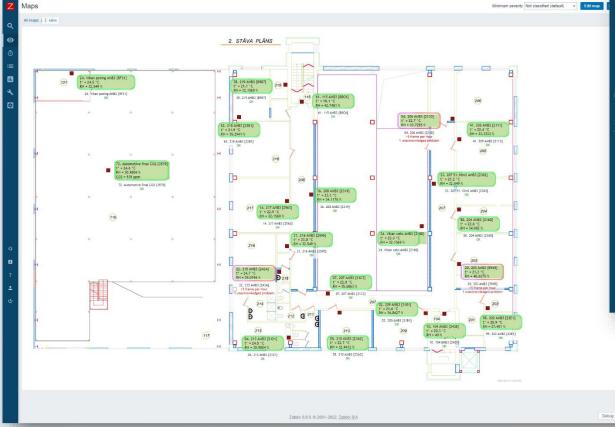## Zabbix at an electronics manufacturing plant

- Zabbix actions perform various alerting functions

- Notify the responsible staff via email messages

- React to a variety of environmental metric changes

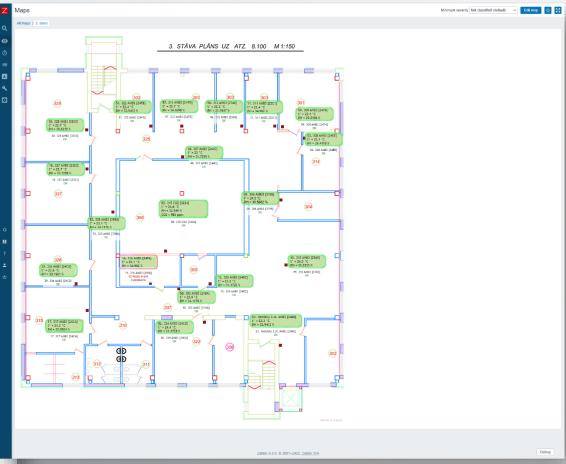- For example, forward alerts to fire alarm controller

Zabbix at an electronics manufacturing plant

- 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

Zabbix at an electronics manufacturing plant

- Sensor metrics and their status are displayed on a network map

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Thank you!
Q&A