



Aplikace pro chytré budovy a průmysl 4.0

Stručně o Hexiu

- ◆ Cloudová integrační a IoT platforma
- ◆ Dodavatel řešení v oblastech chytrých budov, měst a průmyslu 4.0
- ◆ Zaměření na Smart Intelligence

Chytré budovy

- **Měření spotřeby energií**
- **Monitoring CO² - Protronix**
- **Všechna data na jednom místě**
- **Data -> Informace -> Rozhodnutí**



Technology Center Písek
Pražská 483, 397 01 Písek

Average CO₂



777.5 ppm

Building Floorplan





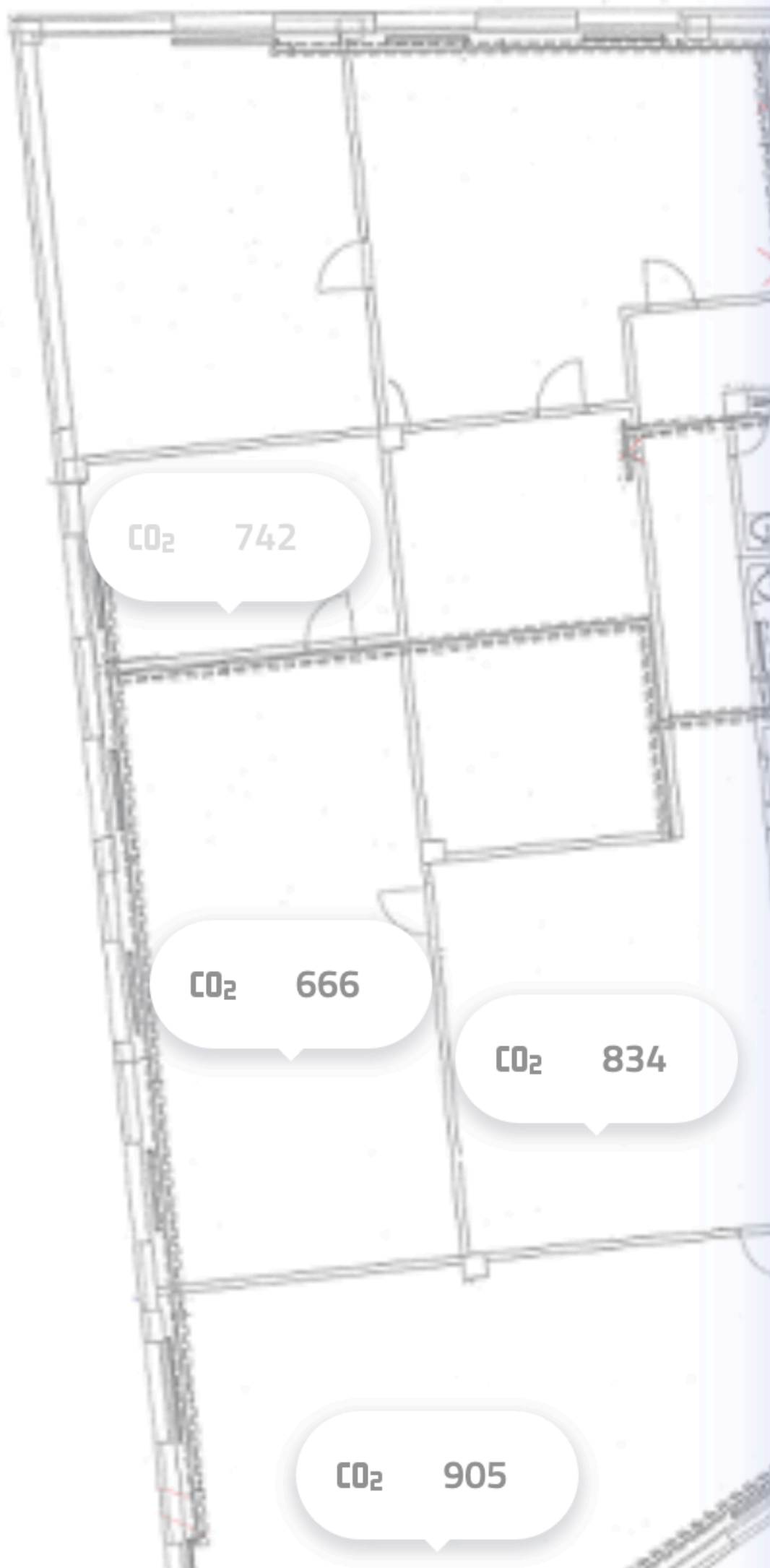
Technology Center Písek
Pražská 483, 397 01 Písek

Average CO2



776.3 ppm

Building Floorplan



LOCATION

CTO office

SENSOR TYPE

NLII-CO2+RH+T-IQRF



CO2 Levels

Current CO2



742 ppm

Current T



24.6875 °C

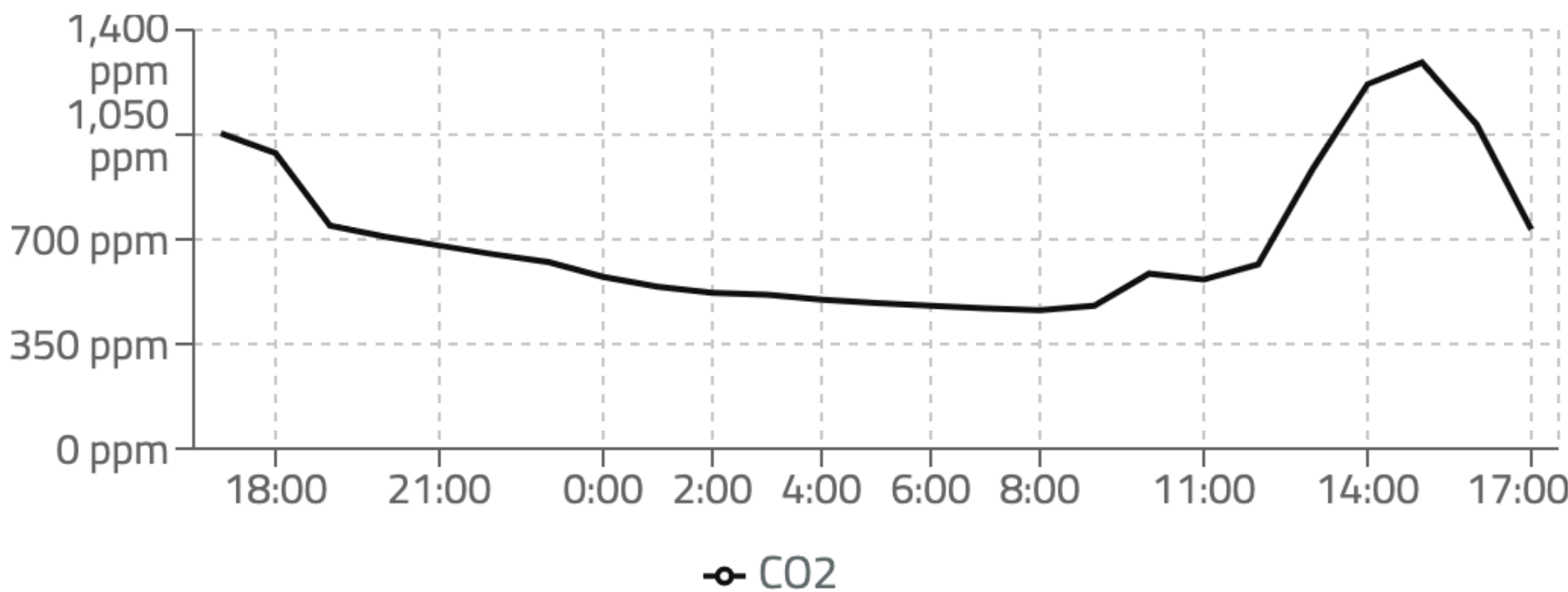
Current rH



26.5%



Data History



Reports

- Daily Statistics
- Monthly Statistics
- Yearly Statistics

Monthly Statistics

Period	Min CO2	Max CO2	Average CO2
10. 11. 2019	385ppm	2095ppm	757.5ppm
10. 12. 2019	359ppm	2006ppm	605.5ppm
9. 1. 2020	373ppm	2342ppm	670.1ppm
8. 2. 2020	424ppm	1517ppm	654.3ppm

EXPORT DATA





Alerts

Online Devices



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Device List

	Device Name	Device Model	Serial Number	Last Activity	RSSI	Status
	Cloud	NLII-CO2+RH+T-IQRF	Protronix 002	12. 2. 2020 17:16	35	 No Alerts
	IoT	NLII-CO2+RH+T-IQRF	Protronix 003	12. 2. 2020 17:16	64	 No Alerts
	CEO	NLII-CO2+RH+T-IQRF	Protronix 004	12. 2. 2020 17:16	56	 No Alerts
	Business	NLII-CO2+RH+T-IQRF	Protronix 006	12. 2. 2020 17:16	62	 No Alerts
	Rest room	NLII-CO2+RH+T-IQRF	Protronix 012	12. 2. 2020 17:16	50	 No Alerts
	CTO	NLII-CO2+RH+T-IQRF	Protronix 013	12. 2. 2020 17:16	62	 No Alerts

Průmysl 4.0 - Svendborg Brakes

- **Průmyslové brzdové systémy**
- **Výluky provozu způsobují velké finanční ztráty**
- **Potřeba monitoringu stavu a chování zařízení**
- **Prediktivní údržba a lepší servis zákazníkům**



K2000 / K101
Severočeské Doly Bílina

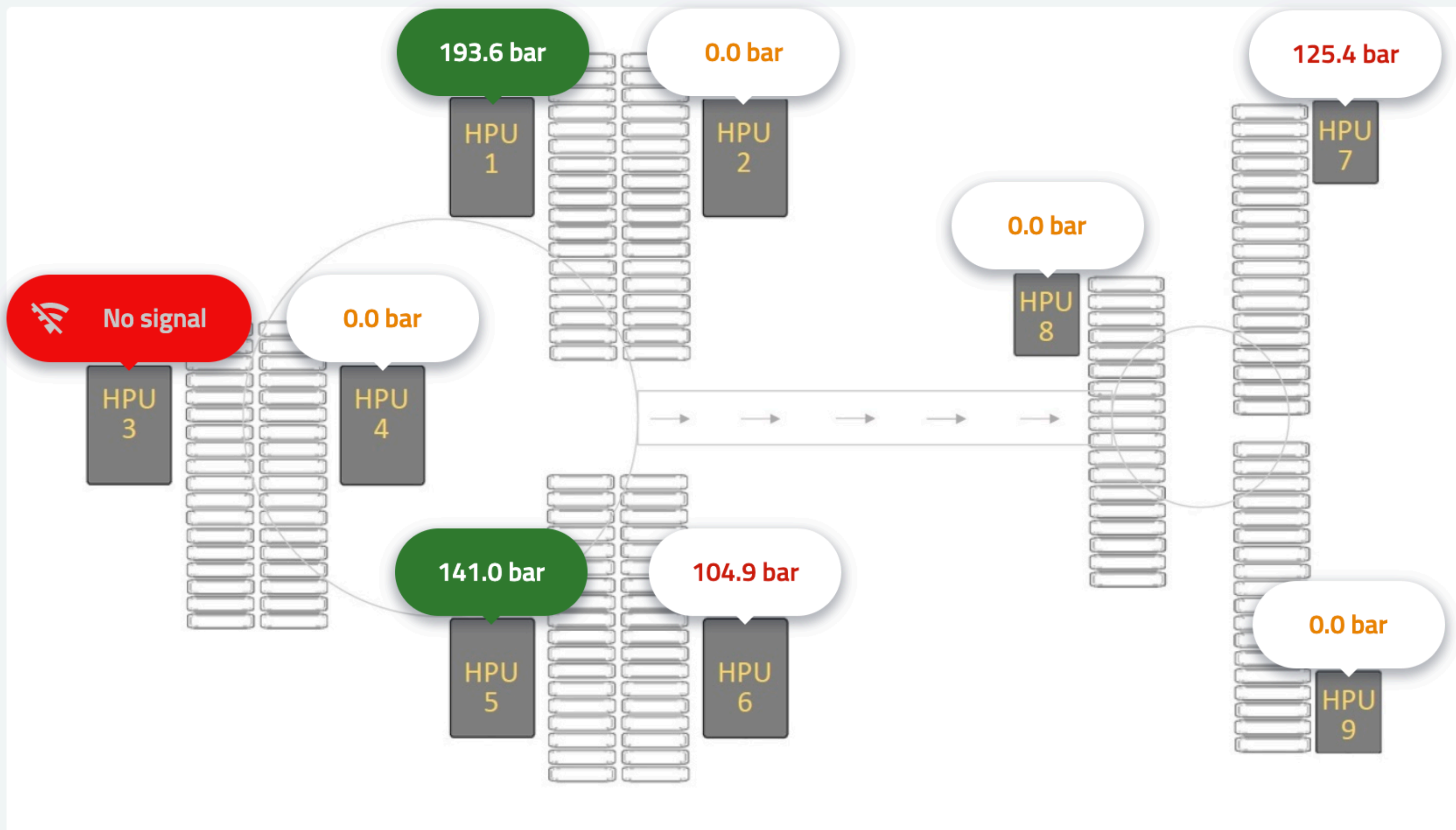
Overview

Events

Devices

- HPU 1
- HPU 2
- HPU 3
- HPU 4
- HPU 5
- HPU 6
- HPU 7
- HPU 8
- HPU 9

Project Overview



Online Devices



Alerts
1

Device List

Name & Model

Serial Number

Placement

Braking Counter

Status



K2000 / K101
Severočeské Doly Bílina

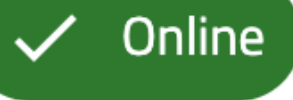
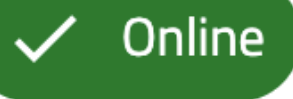
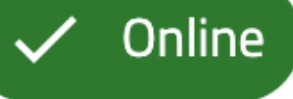
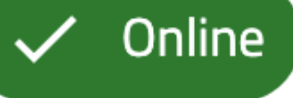
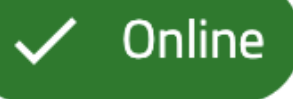
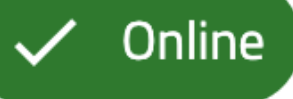
 Overview

 Events

 Devices

-  HPU 1
-  HPU 2
-  HPU 3
-  HPU 4
-  HPU 5
-  HPU 6
-  HPU 7
-  HPU 8
-  HPU 9

 Device List

	Name & Model	Serial Number	Placement	Braking Counter	Status
	HPU 1 Electrical 2-Stage	ID 1-500091349	Testbed	Total: 156 From last service: 82	
	HPU 2 Electrical 2-Stage	ID 1-500091349	Testbed	Total: 156 From last service: 82	
	HPU 3 Electrical 2-Stage	ID 1-500091349	Testbed	Total: 156 From last service: 82	
	HPU 4 Electrical 2-Stage	ID 1-500091349	Testbed	Total: 156 From last service: 82	
	HPU 5 Electrical 2-Stage	ID 1-500091349	Testbed	Total: 156 From last service: 82	
	HPU 6 Electrical 2-Stage	ID 1-500091349	Testbed	Total: 156 From last service: 82	
	HPU 7 Electrical 2-Stage	ID 1-500091349	Testbed	Total: 156 From last service: 82	
	HPU 8	ID 1-500091349	Testbed	Total: 156	



PD 215
Severočeské doly - Doly Nástup
Tušimice (DNT)

Overview

Events

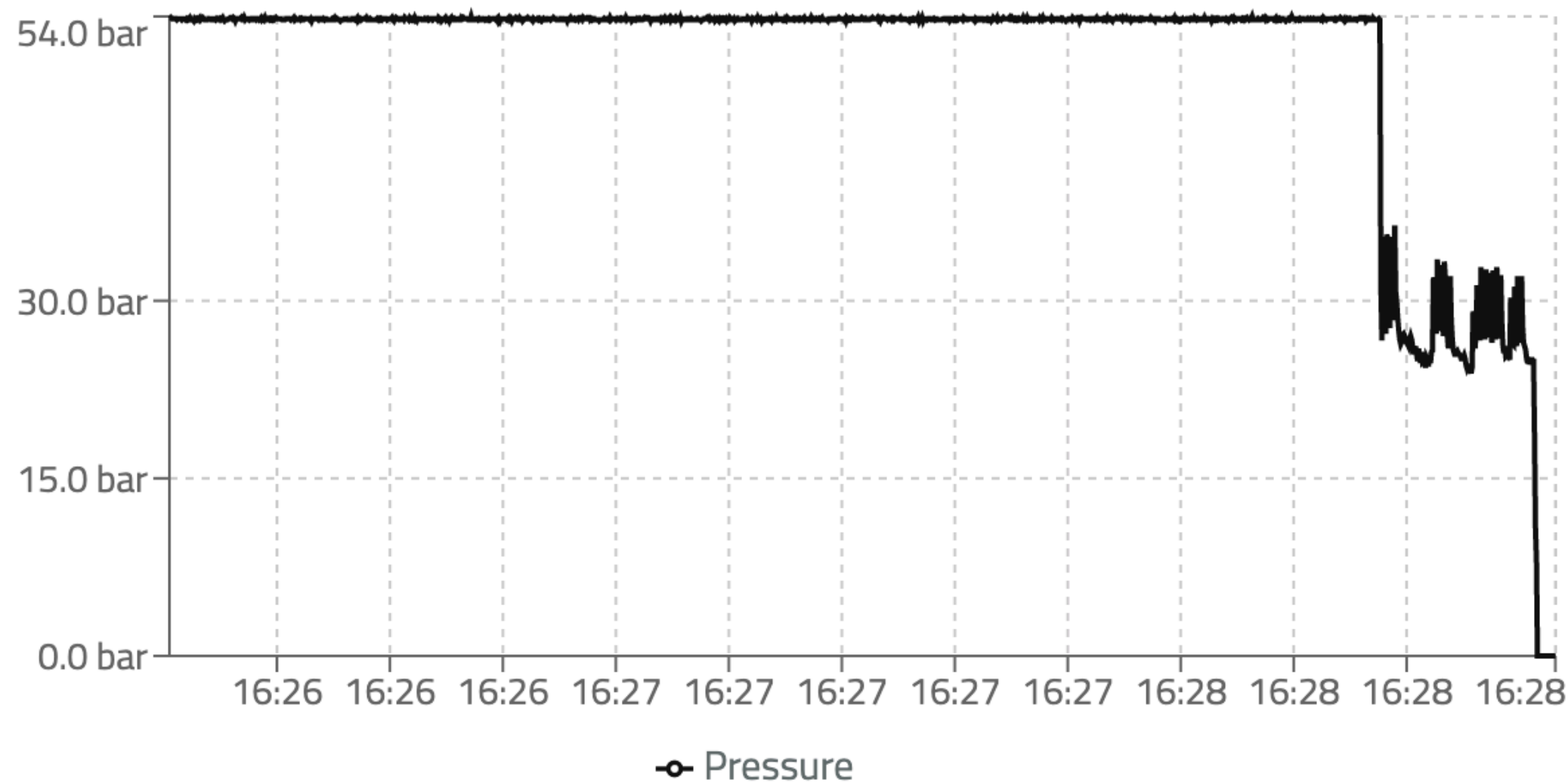
Devices

- SOBO iQ
- HPU 3000-0345-801 L
- HPU 3000-0345-801 R
- BSFI 320-MS-30R-200 #1
- BSFI 320-MS-30R-200 #2
- BSFI 320-MS-30R-200 #3
- BSFI 320-MS-30R-200 #4
- BSFI 320-MS-30R-200 #5
- BSFI 320-MS-30R-200 #6
- BSFI 320-MS-30R-200 #7
- BSFI 320-MS-30R-200

History Analysis

Date	Event
12. 2. 2020 16:26	Closed
12. 2. 2020 15:06	Open
12. 2. 2020 14:06	Closed
12. 2. 2020 10:28	Open
12. 2. 2020 9:28	Closed
12. 2. 2020 8:42	Open
12. 2. 2020 8:04	Closed
12. 2. 2020 7:22	Open
11. 2. 2020 18:18	Closed

Pressure Chart - 2020-02-12T15:26:39.746000128Z



Maintenance & Documentation



Připojte se a buďte součástí IoT revoluce

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