



Adventum Tech Ltd.

SafePit

Technical data sheet

CONTACT US

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about Adventum Tech

Adventum Tech Limited is a Latvian based company, that focuses on development of revolutionary hardware and software for unique applications within construction, production, mobility and energy sector.

Our Team has extensive experience within focus industries across Baltic and Scandinavian countries, that gives a strong advantage understanding the need of the end customer, and value to the end product.

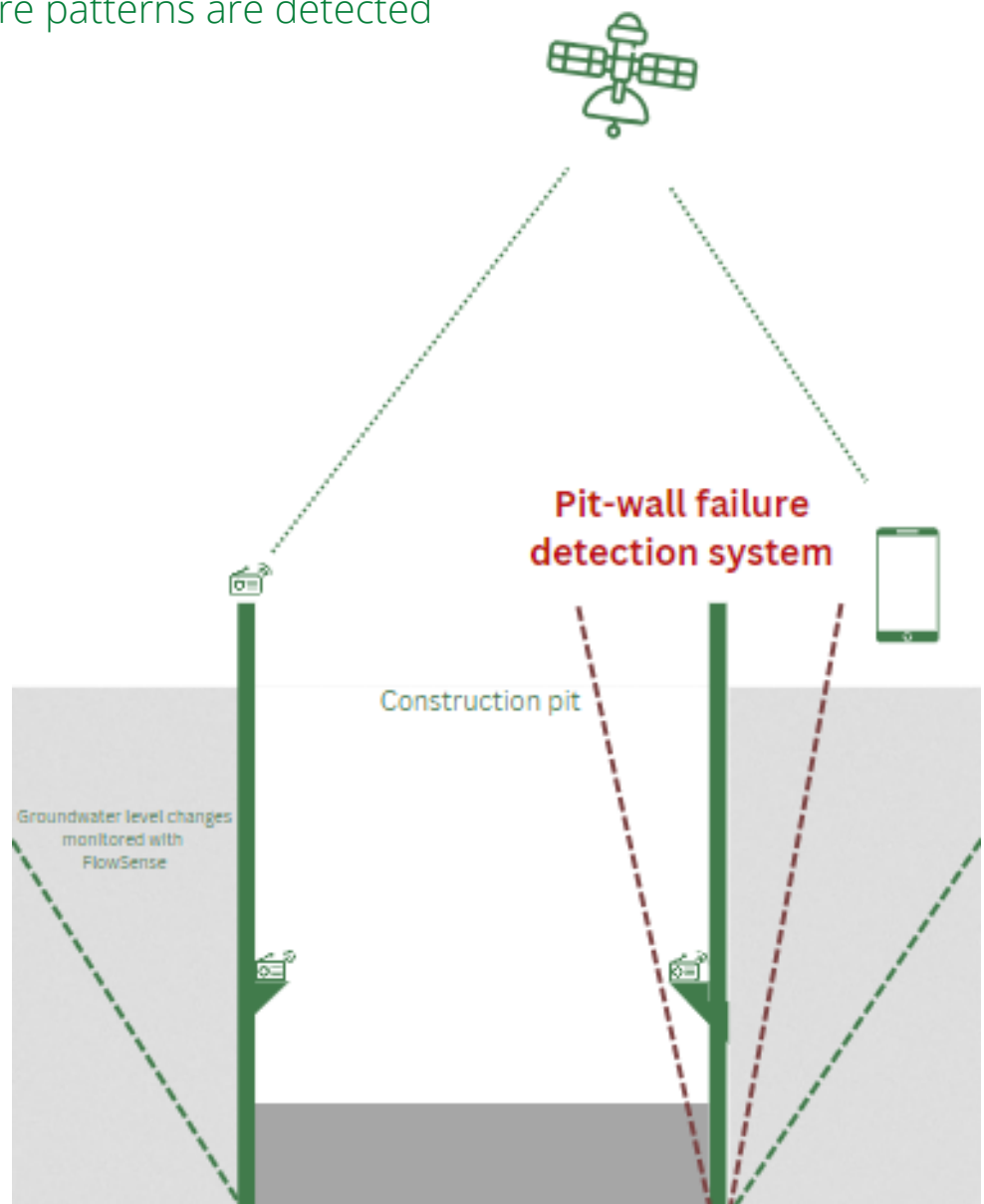


SafePit

SafePit is a safety sensor system developed by Adventum Tech that monitors the stability of construction pit's structural retaining walls: secant pile wall, diaphragm wall, sheet pile wall, slurry wall and other. In case of detected deformations, SafePit system will immediately inform the management to prepare additional inspections if necessary.

SafePit sensor system tasks are:

- to record retaining wall stability
- to record detected tilting and loadbearing
- to input recorded data for further analytics retaining wall stability
- to alarm if pit-wall's failure patterns are detected



LOAD MEASUREMENT

Range, mm	from 0 - 1000
Range, °	0 - 180
Precision, %	0.1%
Intensity, signal/h	Customer specific

DIMMENSIONS

Size, mm	120 x 110 x 160
Weight, g	850

CONNECTICITY

Data transmission	4G, Wireless, LTE
Frequency	868 Mhz
Protocol	LoRa

BATTERY

Type	Li-ion
Expended duration on 1 charge	1 year
Rechargeable	Yes

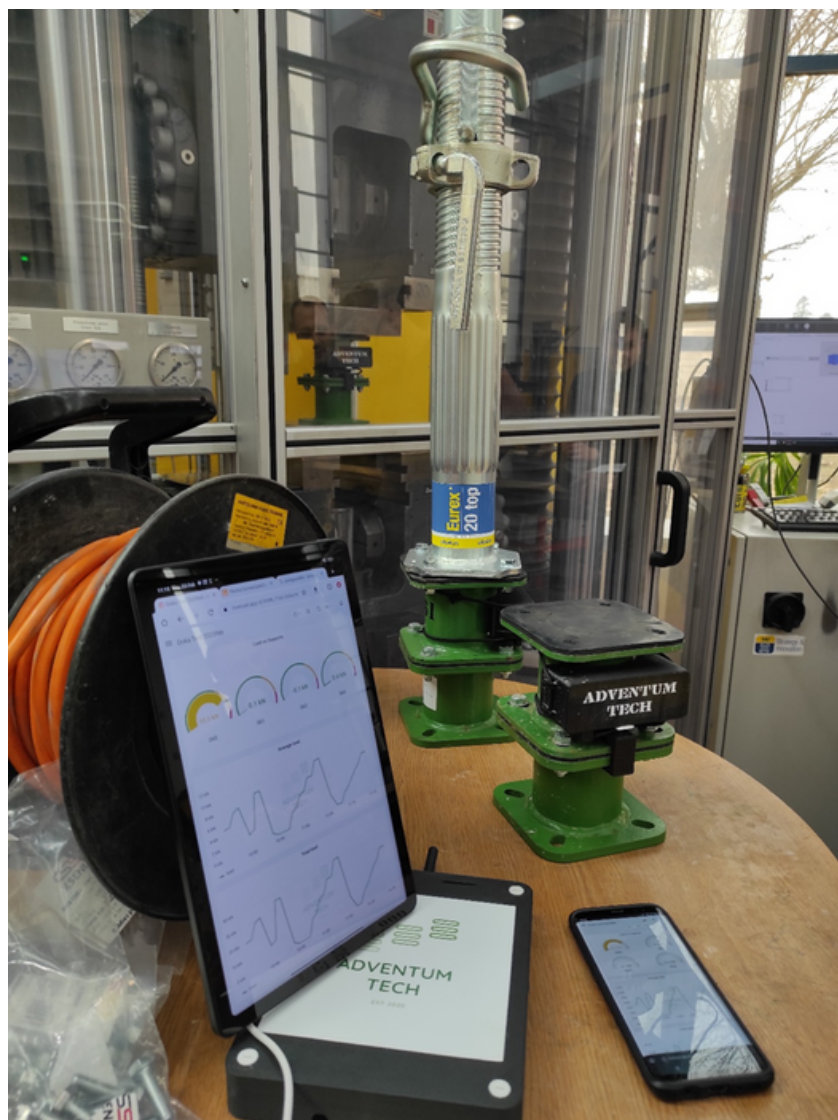
ACCESSORIES

- LED display
- PV panel
- Extended battery
- Digital thermocouple



Liveload.app

All data is transmitted to the internet based software solution developed by Adventum Tech Ltd - **liveload.app** where the data is collected, stored, analyzed and displayed. Liveload.app service allows to keep valuable data with easy and protected access to all involved stakeholders in one place. The data is easily perceived and can be designed and modified according to the customer metric needs.



MEASURING THE INVISIBLE



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