



Adventum Tech Ltd.

LiveLoad

Technical data sheet



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.



LiveLoad

LiveLoad is a hardware solution uniquely developed by Adventum Tech that monitors loadbearing of temporary and permanent supports. LiveLoad sensor system tasks are:

- to monitor overall loadbearing of the structure
- to detect overloaded supports eliminating any risk of further deformation, deflection or even collapse
- to record total weight of reinforcement and concrete applied in the structure
- to record the progression of reinforced concrete structure's development
- to increase safety and transparency of erecting superstructure's behavior



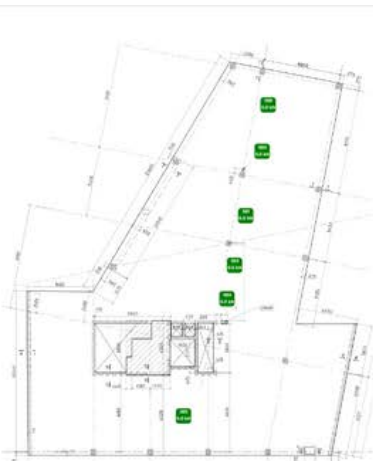
Benefits

- Control of load distribution
- Support overload and collapse risk reduction
- Material usage control
- Optimized material storage on the structure (lack of storage space on site)
- Performance monitoring
- Increased safety
- Better insurance premium
- Reporting / Claim support
- Library of knowledge: case studies, planning and estimation



Applications

- Conventional in-situ concrete works
 - Monitor temporary support loadbearing
 - Monitor fresh concrete curing
 - Detailed concrete cast reporting
- Structure's post tensioning works
 - Monitor post tensioning process
 - Detailed concrete cast reporting
- Material storage on the structure (lack of space for material storage on site)
 - Optimize material storage on the structure reaching temporary support limits



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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