

Alice in YIT: iTWO- empowered Management



Headquartered in Helsinki, Finland, YIT is the largest residential construction company in Finland and the largest foreign residential construction company in Russia. The company's operating area covers Finland, Russia, the Baltic countries, the Czech Republic, Slovakia and Poland. It creates sustainable urban environments by building apartments, business premises, infrastructure and entire areas.

With a strong market position and extensive experiences, they provide a first-class customer experience, high quality and diverse expertise.

YIT started iTWO implementation in 2014. By 2016, iTWO has become the key tool for planning, estimation, scheduling and reporting. The current old systems were replaced by the transformative iTWO platform.

Headquarter
Helsinki, Finland

Founded
1912

Industry
Construction

Products & Services
Housing & Business Premises & Infrastructure

Employees
5,300

Revenue
1.8 Billion Euro (2016)

Website
<https://www.yitgroup.com/en>

What Has Been Achieved?

- YIT has over EUR 1 million transactions in iTWO per day and is expected to double the figure over time.
- The company has 284 active projects in iTWO within all the countries it's operating.
- The value of the active projects is over EUR 1.6 billion.
- Over 80 key users have gone through iTWO training which is ongoing throughout the year.
- iTWO has become the key tool for planning, estimation, scheduling and reporting.
- The YIT subsidiaries have started to report to YIT Headquarter via iTWO.
- Full iTWO implementation in the whole project chain from design to project completion in all countries and business units is expected to be done by the end of 2017.

Management Benefits

- iTWO gives full transparency for all actions. In budgeting, the team can check any stages of any project with numbers and cost estimation fully displayed.
- 3D model-based quantity takeoffs ensure accuracy and enable the team to work on the same immediate project, regardless of location.
- Cost controlling is ongoing online all the time.
- iTWO's integration with ERP system ensures that all interactions are logged instantly into the system, making the process more transparent, particularly procurement processes.
- With iTWO's Cross-project Controlling, all project information is clearly displayed and comparable in both numbers and graphics.
- The physical construction process is guided and monitored by the 3D virtual construction models in real time, allowing the team to run reports any time anywhere.
- Workflow is clear, detailed and streamlined.
- The system is cloud-based, giving stakeholders secure access into the system 24/7, not necessarily with personal computers.

■ Full Transparency for All Actions

■ Teams Report anytime anywhere

■ Clear and Comparable Cross-project Controlling

■ Cloud-based System 24/7 Secure Access

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Project



New Cityscape in Kazan

The group of residential buildings standing along the Kazanka River in Kazan, Russia, is an area project consisting of apartments, kindergartens, roads and other modern infrastructure.

Whole Project Management in iTWO

The whole project was created in iTWO from planning, quantity takeoff, scheduling, to mechanical and electrical works.

Tendering

Regarding tendering for the project, YIT has all suppliers and subcontractors in the iTWO system. The project team can select potential partners to tender whilst allowing for real-time cost comparison, numerically and graphically. The team can also control and check how many contracts have been signed, for which company, the budget, and the contract amount, and is comparable.

Real Time Physical Process Monitoring

With iTWO, it's easy to monitor what has been done, what is ongoing at the building site and what has been scheduled for the coming months, using different colored graphics.

iTWO is a Connector

Each of the YIT teams do their work separately, making a project connector necessary.

- Collating results
- Collecting ideas
- Gathering innovative people
- Universalizing principles
- Following same targets
- Reducing information silos
- Enhancing performance

"You need a connector and iTWO is the connector. When you have this kind of connector, the end result is a masterpiece."

-----Mr. Juha Rissanen
Vice President
YIT Group

