

# 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 previous systems were replaced by the transformative iTWO platform.

**Headquarters**  
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 Headquarters via iTWO.
- Full iTWO implementation for the whole project life cycle, from design to project completion in all countries and business units, is expected to be completed by the end of 2017.

## Management Benefits

- iTWO provides full transparency for all actions. In budgeting, the team is able to check any stage of any project and find the number and cost estimation details fully displayed.
- 3D model-based quantity takeoffs ensure accuracy and enable the team to work on the same project simultaneously, regardless of location.
- Cost controlling is continuously updated in real time.
- iTWO's integration with ERP systems ensures that all interactions are logged instantly into the system, making the process more transparent, particularly the procurement process.
- 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 to 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.

### Entire Project Management in iTWO

The entire project was created in iTWO from planning, quantity takeoff, and 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 while enabling real-time cost comparison, both numerically and graphically. The team can also control, check, and compare how many contracts have been signed, for which company, the budget, and the contract amount.

### Real Time Physical Process Monitoring

iTWO utilizes different colored graphics for project status, allowing users to easily monitor what has been completed, what is ongoing at the building site, and what is scheduled in the future.

## 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 the 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

