



## HUS Töölö Hospital

Helsinki, Finland

**HUS Töölö Hospital's aging Building Management System was no longer a viable solution for this life-critical facility.**



**In order to avoid serious shutdowns, the hospital decided to install a totally new system. TAC was chosen as supplier.**

Töölö Hospital is part of the Joint Authority for the Hospital District of Helsinki and Uusimaa (HUS), which provides all levels of medical healthcare to an area of 1.3 million people.

Confronted with the loss of its then existing system supplier due to bankruptcy, Töölö Hospital took the opportunity to review its requirements and replace the entire building management system. Naturally, the hospital wanted to award the contract to a supplier it could rely on – both technically and financially.

TAC's extensive knowledge of open Building Management Systems meant that it possessed the right professional expertise for the task. And because TAC is an industry leader, there could be no question of history repeating itself.

### Customer Benefits

- Seamless integration with third-party systems is possible
- Possibility of future integration with third-party systems
- Flexible control of applications such as heating and lighting
- Future-proof Building Management Systems
- Long-term support from TAC as stable provider

Healthcare

## The Challenge

Töölö Hospital needed a reliable open building automation system for its six-building site that was capable of handling future development and expansion. Part of this expansion capability would have to include the future possibility of seamless integration with third-party systems and applications from different vendors. The hospital also wanted a stable partner whose knowledge of open systems and industry expertise would guarantee secure long-term support.

## The Solution

The first phase of the solution proposed by TAC centered on a TAC Vista® presentation system integrated with LonWorks® units incorporating 2,500 measuring points. The system gives authorized users immediate access to real-time information about HVAC, chillers, room control systems, stand-alone systems and power monitoring.



All data is presented in easy-to-understand color graphs. In the second phase, the hospital upgraded the TAC Vista system and installed a network of TAC Xenta® regulators for more flexible control of applications such as heating and lighting.

## The Bottom Line

HUS Töölö Hospital now has the future-proof Building Management System it requires to run medical services efficiently and provide patients with first-rate care. The hospital is also secure in the knowledge that its systems are supported by the market leader in Open Systems for Building IT®.

## Healthcare Profile

Healthcare facilities operate 24/7 and require 24/7 system reliability and precision. Environmental conditions must adjust quickly and uniformly to the needs of each patient. Particular areas, such as surgery suites and laboratories, must maintain specific temperature, air filtration and ventilation requirements.

Managing energy usage without compromising life critical environmental needs is a huge challenge faced by maintenance and engineering personnel. For both patients and staff, TAC's open systems solutions mean a total quality healthcare environment and efficient facility operation.

[www.tac.com](http://www.tac.com)

For more information, send your questions or comments to [corporatemarketing@tac.se](mailto:corporatemarketing@tac.se)  
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