

Bank Sarasin in Basle – a worthwhile investment in good air-conditioning.

Extensive refurbishment of building automation installations at Bank Sarasin went far beyond the usual modernisation work. The project involved completely replacing the old building automation system, along with various modifications to existing plant. Sauter handled the technical and logistics challenges of the migration project with aplomb. Now, bank employees and clients alike regularly notice a marked improvement in the atmosphere.



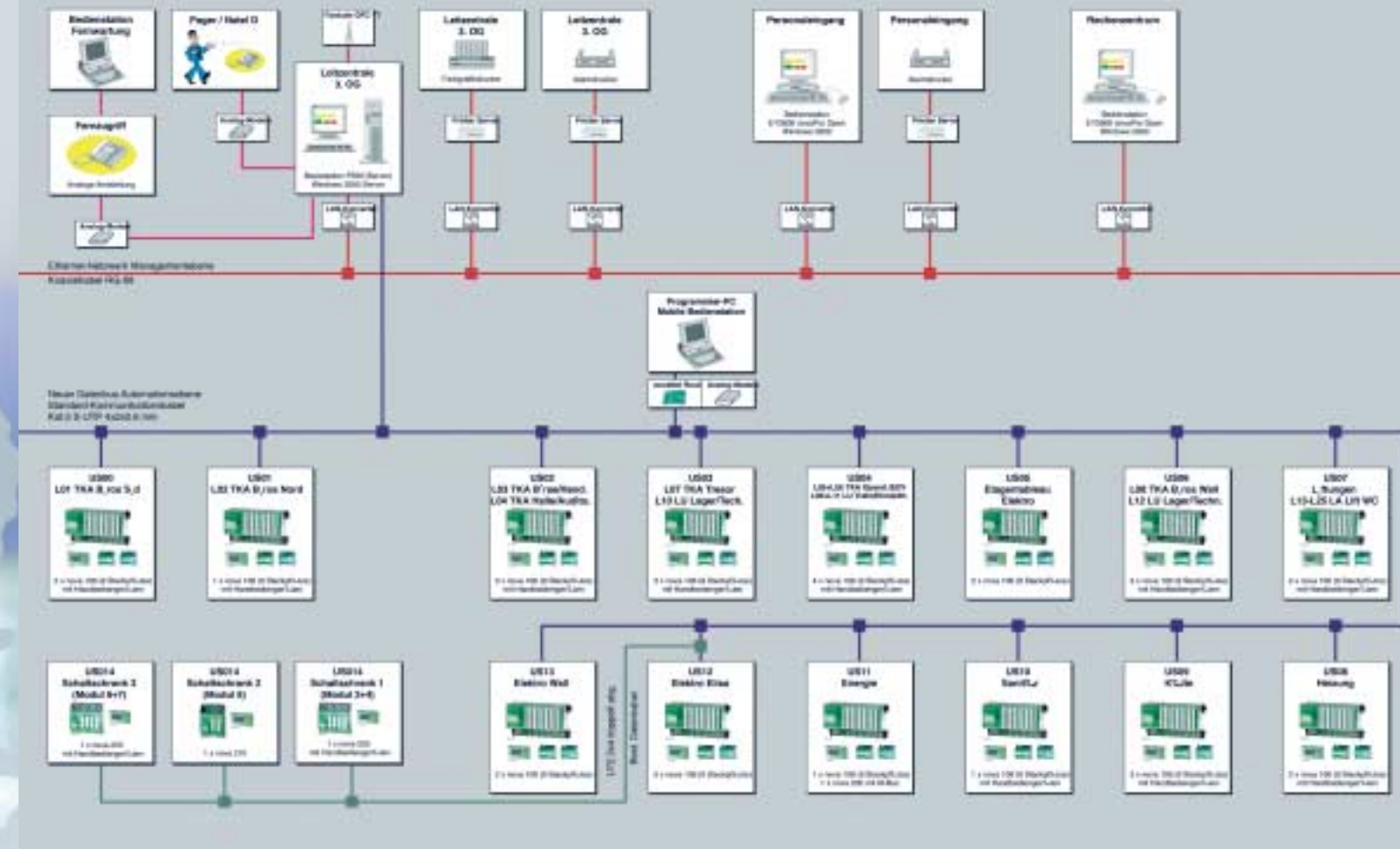
Work was completed in November 2004. At its newly renovated Basle offices, Bank Sarasin is highly effective at managing not only client assets, but air quality as well. The refurbishment project included:-

- Complete replacement of the ABB AREADAT building automation system, which meant total renovation at the automation and management level while maintaining previously existing functionality, including integration of two further buildings
- Chiller modifications for operation with heat reclaim
- Modifications to the heating plant with new functionality in the secondary circuit

- Control of the lighting and the window blinds

EY3600 novaPro Open – a logical choice

Here, once again, the EY 3600 Open system with its integration ability and high performance was the system of choice. This particular project involved integrating some 3300 hardware and 900 software data points. novaPro Open, along with a PDM and two operator stations with various printers, were used at the management level. 'Alert' was used for alarm functions.



To ensure strict segregation and independence from bank data, the building automation system communicates via a separate TCP/IP network.

An AS 230 serves to connect approx. 25 energy meters via M-Bus. Various data and trends are logged and analysed on the novaPro Open.

Phased system replacement

It was important that refurbishment did not interfere with regular bank operations, so the system conversion was planned as a series of phased replacements to ensure that HVAC plant could continue operating on a provisional basis as work progressed.

Such planning benefited not only the bank and its clients, but also the people

doing the refurbishment work. Thanks to careful scheduling, late-night and weekend work on modifying the motor control centres was kept to a minimum.

In Sauter's workshops, the hardware and all the AS wiring was preassembled in an empty swing frame, which was delivered to Bank Sarasin on the day of the change-over. The old swing frame with the AREADAT system was removed, then the new one was fitted in its place, equipped with the necessary modules, and put into operation. The old frame was then used as the chassis for another exchange unit in the next phase, and so on throughout the whole refurbishment.

Mr. Vaterlaus, in charge of Bank Sarasin's technical installations, and the ADZ company responsible for HVAC

planning, both made valuable contributions that greatly helped to bring this project to efficient completion.

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