

OFFICE BUILDING JOSEF, ZÜRICH



Address Josefstrasse, Zürich, (Kreis 5, former Müller-Martini-Areal)

Executed Summer 2007

Customer Avelon-Cetex AG, Littau

Contact Mister Leo Putz, Avelon-Cetex AG

Objectives

- ← Surveillance of the KNX-EIB plant
- ← Integration of alarms and status signals
- ← Extendable for local indicator and operating systems
- ← Communication with remote property portal via SOAP

Secondary objectives

- ← Equipment without rotating parts
- ← Software under Linux
- ← Standard EIB components only for integration

Scope of project

- ← Alarms for four houses and various trades
- ← Flexible monitoring of KNX data points without avoidable bus load
- ← 90 alarm and status data points

Realisation

- ← mivune software with driver for EIB.net
- ← EIB linkage via Siemens N148
- ← Runtime on a small ARM system under Linux

System integration

- ← mivune AG

Special programming

- ← Not necessary

Extension

- ← Recording and transmission of the prior history (monitoring of relevant variables) relating to alarms occurring, under discussion