

## HAUS SIEB-10, WINTERTHUR



Address	Bahnmeisterstrasse, Winterthur
Executed	Summer 2007
Customer	Avelon-Cetex AG, Littau
Contact	Mister Leo Putz, Avelon-Cetex AG

Objectives	<ul style="list-style-type: none"> <li>← Monitoring of the KNX/EIB system</li> <li>← Integration of the alarms and status signals</li> <li>← Extendable for local display and operating systems</li> <li>← Communication with remote real estate portal via SOAP</li> </ul>
Secondary objectives	<ul style="list-style-type: none"> <li>← Equipment without rotating parts</li> <li>← Software under Linux</li> <li>← Only standard EIB components to be integrated</li> </ul>
Scope of project	<ul style="list-style-type: none"> <li>← Alarms of 4 houses and diverse trades, 50 data points</li> <li>← Flexible monitoring of KNX data points without avoidable bus load</li> <li>← 50 alarm and status data points</li> </ul>
Realisation	<ul style="list-style-type: none"> <li>← mivune software with driver for EIB.net</li> <li>← EIB linkage via Siemens N148</li> <li>← Runtime system small ARM system under Linux</li> </ul>
System integration	<ul style="list-style-type: none"> <li>← mivune AG</li> </ul>
Special programming	<ul style="list-style-type: none"> <li>← Not required</li> </ul>
Extension	<ul style="list-style-type: none"> <li>← Recording and transmission of the prior history (monitoring of relevant variables) relating to alarms occurring, under discussion</li> </ul>