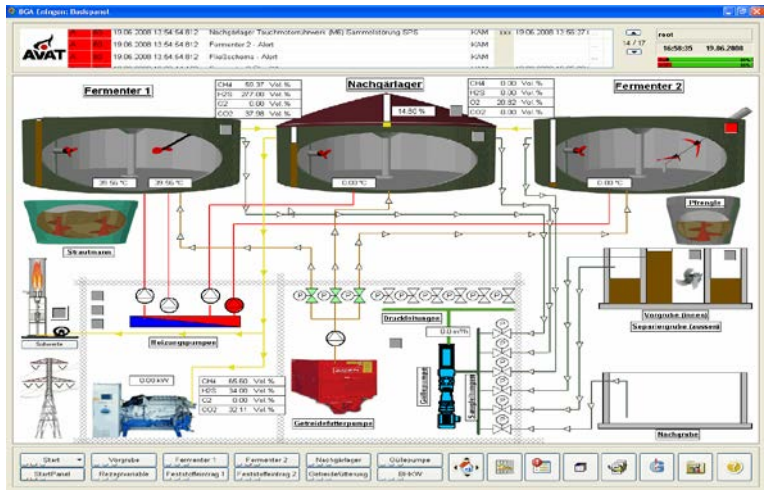
Biogas Research Institute at the University of Hohenheim

Segment: Alternative energy
End user: University Hohenheim (GER)
System integrator: AVAT Automation GmbH
Realization date: 2009

Decentralized energy production, by means of combined heat and power (CHP) production, plays a key role in climate protection. With the innovative automation systems for gas engines in CHP plants AVAT is one of the world leading suppliers of this technology.

Requirements:

- Recipe management with comprehensive parameterization and access possibilities
- High-level fault signaling and alarm handling in accordance with DIN 19235 and VDI 3699
- Balancing, reporting, archiving and data export



Solution:

- Flexible object-oriented and database-supported Client/Server architecture
- 2nd system control facility - connected by DSL line - at the University of Hohenheim
- Remote services

Benefits:

- Higher operational safety, profitability, transparency
- Optimized process, higher operation convenience