



CAS has 20 years of experience in developing real-time software for many industries including aviation, heat engineering, power engineering and mining. Numerous challenging projects have been successfully accomplished by CAS yielding ready-to-use solutions and software for various applications. CAS specializes in the integration of plant-floor systems with process control and enterprise management systems.

CAS is an active member of the OPC Foundation and contributes to the development of the new OPC Unified Architecture standard including the OPC Foundation Software Development Kit and the Analytical Device Interface information model released as a companion specification.

To deliver systematic solutions CAS takes the advantage of various technologies like OPC, OPC UA, WebServices and SQL that are a foundation for the flagship CommServer™ software package.

CommServer™ is communication software for the management and optimization of data transfer, conforming to the “Process Observer” archetype. A built-in communication engine implements technologies and algorithms automatically:

- adapting parameters to the user's/real-time process current needs;
- selecting routs to recover from communication fails (failover mechanism);
- minimizing the transmission cost (optimization mechanism).

The package is well suited to be a communication management platform for highly distributed process control systems, like smart power grids, oil, water and gas distribution systems.

CommServer™ offers connectivity based on well known and widely accepted standards, like OPC UA, OPC Classic, Web-Services and SQL to the upper layer systems. Therefore it is the most advantageous solution for the integration of process control systems (e.g. MES, SCADA) and enterprise management systems (e.g. ERP, SAP, CRM). It opens new possibilities of production optimization thanks to the synergy effect resulting from combining process and business data into a consistent, real and current image of the enterprise concerned.

To get more about CAS please visit www.cas.eu, about CommServer™ www.commsvr.com.