

Many companies need to communicate data through various types of systems. Techsol provides an **integration broker**, a simple data communication tool between different business systems, in a secure and fast way.

Andromeda is a very powerful tool that leverages SOAP Simple Object technology Access Protocol and becomes the data communication BUS between the corporate systems: you can communicate with SAP, send data by e-mail, write files, etc..

Integration management is centralized on a single platform by implementing a "**Hub & Spoke**" template. This model allows you to overcome the limits of a traditional structure by interposing a Engine capable of transforming data, directing it and controlling the evolution of the process.

WHAT ARE THE BENEFITS?

- It allows automation of data exchange processes
- It is possible to introduce targeted controls on data and the communication takes place in real time
- Communication with SAP uses standard components (NCO and JCO)
- It allows to manipulate data before communicating with SAP (for example to avoid size problems)
- Reduction of the number of links and disconnection of applications
- Ability to integrate new participants
- Centralization of rules and interface logics

COMMUNICATION WITH SAP

The data is inserted into a XML that is processed to fill the structures and the RFC Custom SAP/ standard BAPI fields; once executed, BAPI offers the values that are processed and returned to the caller, in XML format. Once received the data, Andromeda uses its modules to return it in the desired form (mail, files, database, etc.).

TECHNOLOGY

Andromeda is provided in either .NET or JAVA technology, 32 or 64 bits. It uses the DLL packages that SAP offers: NCO and JCO. The customer can choose between two types of system:

- APPLICATION SERVER: the program is installed on a server and called by the various hardwares
- LOCATED SERVICE: the program communicates with each single hardware

COMMUNICATION WITH OTHER SYSTEMS

Andromeda allows communication between various systems and can be easily expanded according to customer needs. The system can be exploited in various cases thanks to its built-in tools, that are easily expandable upon customer's request.

- Input / Receive MAIL
- Writing / reading / modifying / deleting FILES in specific PATHs
- Printing (data stream print)
- Transform data: reading data and transforming them
- Data Database writing