

Current ERP

Source: Wikipedia

Enterprise resource planning (ERP) is a cross-functional enterprise system driven by an integrated suite of software modules that supports the basic internal business processes of a company. [...] ERP systems **track business resources** (such as cash, raw materials, and production capacity) [...] ERP facilitates **information flow between all business functions** inside the organization, and manages connections to outside stakeholders.

CastWare presents the A-ERP method

A-ERP is the acronym for Automatic-ERP.

The A-ERP method uses resource managing automation. As much data as possible is to be processed according to pre-defined flows that perform the burochratic and production tasks in an automatic way.

This method has the following positive production drawbacks:

- Fully automated and trackable company processes;
- Completely fulfilled theoretical company models;
- Processes are reliable in time (consider "Quality management");
- Unproductive idle times between phases, are eliminated.

Applying the A-ERP method

An automation system is required for achieving the goal: the **AFC** (**A**utomation **F**low **C**ontroller).

CastWare has the first full AFC on the market, capable of integrating A-ERP requirements into any company by leveraging pre-existent and available software, without requiring new purchases.

The CastWare official AFC is CastFlow.

AFC as the Company nervous system

- Metaphore: a human body needs the central nervous system for coordinating and synchronizing each organ; the periferial nervous system transfers impulses and commands for achieving the harmonious functioning.
- CastFlow acts the same way within a company: the Central Nervous System is ruled by an engineer who plans tehoretical data flows, based upon company needs. The Peripheral Nervous System (the pure automation system) transports commands to the components. What was formerly manual can be turned this way into an automatic system.

Let humans decide and CastFlow do the hard work

- CastFlow automatically manages data flow according to predefined directives.
- Strategic decisions continue to be under full control and responsibility of the persons who are in charge. The human role isn't debased: it's relieved from repetitive hard work.

AFC benefits

- **Unattended data flows**

Productivity is no more hindered by night-time processing, holidays, strikes.

- **No idle times**

Idle times between phases are typically caused by inter-department communications: they are simply swept away

- **No geographic limits**

Every phase of an automation flow can be hosted on a different computer

- **No formal errors**

Human transcription errors are typically due to stressed personnel. An AFC just can't because of its automatic data transportation system.

CastFlow expenses

- CastFlow costs include the theoretical flow engineering and the automation system setup.
- The theoretical phase is up to the Customer, in cooperation with one expert of ours if needed.
- CastFlow system is available in various license forms, according to Customer's needs and size. Both centralized processing and "Software As A Service" modes are available.
- CastWare has expert personnel for assisting during system setup.
- When privacy is a requirement, the Server can be housed into Customer's building; otherwise it can be hosted by CastWare (where hard privacy is assured too) and remotely accessed (Cloud mode).