



ABAP Software Factory

Crystal System is the owner an **ABAP software factory** capable to work remotely anywhere in the world. The factory is located in Bucharest, Romania and employs about 30 persons (as of June 2005) and the number is increasing.

The team consists of young and highly motivated professionals with a good educational background. All members of our team have undergone extensive training sessions and have good experience with top companies.

The software factory works based on a classical methodology of having a person located on the client side that is responsible for sending specifications to the programmers based in Bucharest and for presenting to the client the programs that has been written. This method of working allows us to obtain very high quality at a great price and in a short time.

The programmers from the software factory do more than simply writing software. They can also connect in the system of the client by using a VPN system which is the method of communication.

SERVICES ON CUSTOMER SIDE
We move our Experts from Romania to



SERVICES by our SOFTWARE FACTORY

ABAP factory working scenario

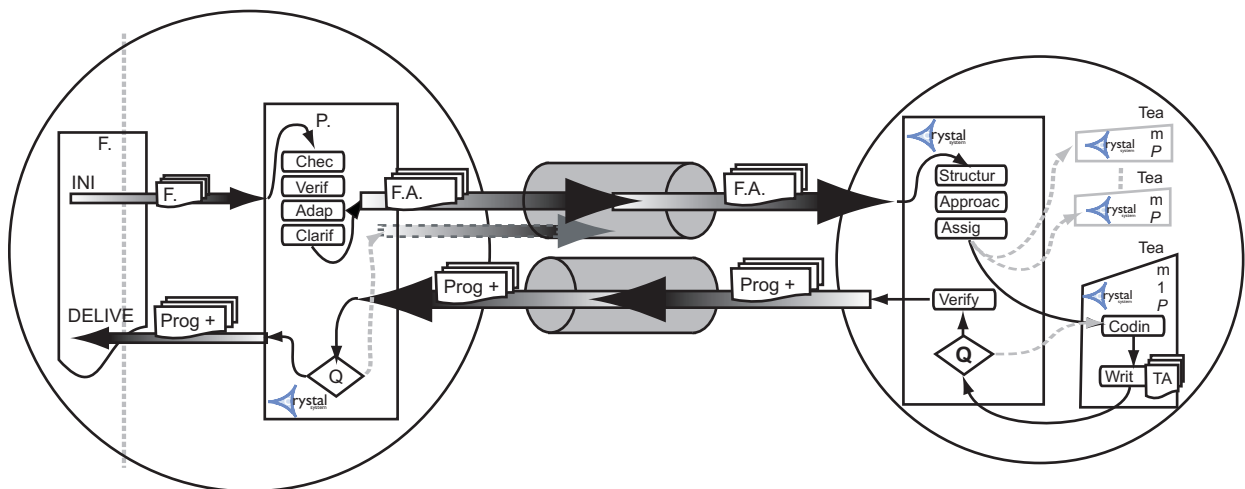
ABAP Software Factory is about reliable and predictable application development through automation, design patterns, consistent technological and architecture choices, sensible development processes, and of course, appropriate software development tools.

The essential element of our **ABAP Software Factory** is the ability to deliver results quickly (for example, cutting out protracted architectural discussions and vendor selection at the start of a project). But the true key to speed is code generation of as much as sensible of the application. Code generation also means code re-generation. This means that changing requirements can be accomodated really quickly.

The **ABAP Software Factory** reduces the risks involved in hiring software developers. If all the major architectural decisions, technology choices, and tools are predetermined, the chances of one individual engineer going off in a strange and wonderful, intellectually pleasing or technologically interesting direction are nil. So you can hire the creative developers since their energies will be channeled in the right direction (solving business problems, which usually means writing the business logic and focusing on the end users).

What's more interesting is the profile of most of the developers that can be hired. Because many of the harder technical decisions have been made before the start of the project by a **Crystal System Software Factory** architect, and tools are available to assist and control the developer output, it means that less skilled, more mainstream developers can be used. Senior developers will always be required to design the **ABAP Software Factory**, supervise and lead the mainstream developers, and maybe write the business logic.

It often happens that there are not enough senior and experienced ABAP developers. That means ABAP needs the mainstream developers - it needs to be able to attract developers from huge pool of Romanian developers. **ABAP Software Factory** is the way to manage it without them getting hopelessly lost from having to choose between dozens of application servers, many data persistence strategies, several presentation tier technologies, etc.



Workflow scenario schema

Factory clients

