

CFlexDSS-Approach

For projects that cannot fail

The growing business complexity and the need for an increasingly shorter response time for the questions imposed on a daily basis make companies seek, each time more, to have a computing support for their decision making processes.

It is common, however, to see that many companies' expectations are not fully satisfied, what generates a certain frustration and resistance to the implementation of **Decision Making Support Systems (DSS or DMSS)** and the effective benefits that may be obtained with their utilization.

Part of the gap between the expectation and reality may be credited to the very complexity of the addressed problems, which in general are complex, combined, and plagued with inaccurate and uncertain information.

On the other hand, according to several survey institutions, many software projects – and their consequent lack of use – fail due to deviations and mistakes that take place during the assessment and requirements specification phase.

In **DSS** case, these failures are common and take place due to the insistence of their designers in using a mistaken philosophy, based on computer-centered paradigms.

Breaking this paradigm, **CFlex** has developed, refined and uses a proprietary methodology called **CFlexDSS-Approach** in the buildup of the marketplace's best and most efficient **DSS**.

CFlexDSS-Approach is a methodology complementary to the traditional software engineering methodologies, which allows for correctly specifying, with guaranteed results, the requirements of each **DSS** construction project.

The utilization of **CFlexDSS-Approach** as a specification methodology results in projects that adopt a hybrid human-computer approach, enabling the system user to participate in the solution buildup in cooperation with the computing agents. Problems are, thus, treated and solved through a joint effort.

CFlexDSS-Approach allows for:

Modeling the insertion of a computing system in the decision-making process of human agents who know and deal with real world issues.

Modeling the cooperation between human and computing agents to solve the focused issue.

CFlex adopts this approach that differentiates it in the marketplace because it is sure that it is the union of two intelligences – human and computing – that leads to best decision making.

This is the reason why the **DSS** specified and developed by **CFlex** go beyond the common solution mass offered by the market: they are, in truth, **Intelligence Amplification Systems**.

By trusting **CFlex** human-computer approach as the best way to solve issues inherent to Business Complex Decision Making, our customers may benefit from **CFlexDSS-Approach** outcomes through two distinctive business models:

Consulting Services

CFlex acts in the **DSS's** assessment and specification requirements that will support the customer by delivering a **Formal Requirement Specification** with guaranteed adherence to the customer business. This guarantee is based on the very **CFlexDSS-Approach** methodology, as it ensures that if two or more specification engineers follow its steps to analyze a problem, the resulting assessment specifications will be the same.

In this model, the **DSS** development may be run by the internal IT team, or by another supplier the customer determines.

Development and Customization Services

These include the consulting phase and the solution complete development, ensuring an adherence execution and the same level of quality as shown in the requirements specification.

The utilization of **CFlexDSS-Approach**, a market proven methodology, warrants **CFlex** customers with security, savings and development costs control, as well as effective delivery of planned and desired results.

Your software project will not be another risk decision to be managed, but an effective solution to manage risks and many other Decision Making processes.

FOR MORE DETAILED INFORMATION ON THIS AND OTHER CFFLEX PRODUCTS AND SERVICES

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CFlex
Empower your Decisions