

# EIS/DSS Joint Architecture to conquer EIS Bottlenecks

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## Abstract

Many organizations have turned to decision support systems(DSS) and executive information systems(EIS) to provide managers and professionals with the information and tools most important to them for doing their jobs, especially problem solving and decision making. DSS and EIS go a step beyond conventional information systems, focusing not only the information itself but on the decisions for which that information can be utilized. As a result, DSS and EIS do more than just increase system efficiency and often improve organizational effectiveness.

In these days, EIS have drawn a lot of attentions from many organizations which DSS have suffered from lack of understanding due to its theoretical aspect which makes it difficult to apply DSS to more practical worlds. EIS, however, have diverse bottlenecks for a successful implementation which range from difficulty of getting executive information requirements, to hardship of training executives, and to lack of a clear guidance of the strategical use of the system.

In this paper, we will review DSS and EIS and develop a joint DSS/EIS architecture to overcome those difficulties found in implementing EIS. The basic idea is to use DSS in a hidden basis to maximize the efficiencies of the design, the implementation, and the use of an EIS system.