Application system interface diagram

The application system interface diagram is a high level overview to describe all the application interface in one diagram. It is the map of enterprise application interface. For example, the INS application interface diagram.
In addition to the application interface diagram, most the application developers looks for detail system interface description. For example the C4ISR Systems Interface Description and Connectivity Diagram

The System Interface Description (SID) depicts the assignments of systems and their interfaces to the nodes and needlines described in the Node Connectivity Diagram. The Node Connectivity Description for a given architecture shows nodes (not always defined in physical terms), while the SID depicts the systems corresponding to the system nodes.

The SID identifies the interfaces between nodes, between systems, and between the components of a system, depending on the needs of a particular architecture. A system interface is a simplified or generalized representation of a communications pathway or network, usually depicted graphically as a straight line, with a descriptive label. Pairs of connected systems or system components often have multiple interfaces between them. The SID depicts all interfaces between systems and/or system components that are of interest to the architect.

The graphic descriptions and/or supporting text for the SID should provide details concerning the capabilities of each system. For example, descriptions of information systems should include details concerning the applications present within the system, the infrastructure services that support the applications, and the means by which the system processes, manipulates, stores, and exchanges data. Figure 35 depicts a sample SID Connectivity Diagram.