

AWD[®]

AWD/NetServer[™]

To extend comprehensive business process management (BPM) across the enterprise, the Automated Work Distributor[™] (AWD[®]) architecture supports business object processing.

With business object processing, key software components are serviced on a middle tier, reducing the amount of processing required from the user interface. This three-tiered architecture simplifies the network infrastructure and supports thin client environments.

Integrate AWD with Browser-Based Applications

Using the latest in object management technology, AWD/NetServer[™] provides the underlying services required to integrate AWD with browser-based applications.

AWD/NetServer receives processing requests through a Web server or a custom application and formats the resulting data for the AWD host server. Because of its multiple communication interfaces (Java RMI, JMS, HTTP and TCP/IP), AWD/NetServer can communicate with any application using any of these standards.

AWD/NetServer supports both thin client users and users who do not require the full resources of a traditional AWD Viewstation, such as associates working from home or remote business sites.

Its JAVA based objects perform AWD functions such as:

- Lookup
- Get Work
- Get Image
- Get Relationships
- Get History

Clients can determine which objects are included in each processing request by pre-defining jobs and tasks within AWD/NetServer's process management component.

For example, a client can define a "Get Work" request, or job, to include a number of separate processing tasks, such as:

1. Logon
2. Get Work
3. Get Relationships
4. Get Image

By using this "macro" approach to business event processing, the user interface performs more efficiently, sending only one request to AWD/NetServer.

AWD data transferred through the Internet or a custom application is secured with existing AWD security views and AWD/NetServer's logon routine. Clients can utilize the latest Web security techniques to encrypt data as well.

If you have any questions or need additional information about DST's strategies for e-business, contact us at (816) 843-8200, email us at awdinfo@dstawd.com, or visit our Web site at www.dstawd.com.