

# AWD<sup>®</sup>

## AWD/ST<sup>™</sup>

### Technological Challenges

As companies evolve, they are challenged to keep disparate systems synchronized. Often, information coming into the enterprise must be keyed into many systems, impacting both productivity and quality.

However, straight-through processing technology can connect multiple systems and dramatically improve productivity with increased levels of automation.

### Straight-Through Processing from AWD

DST's Automated Work Distributor<sup>™</sup> (AWD<sup>®</sup>) is a comprehensive business process management (BPM) solution. With the AWD/ST<sup>™</sup> server, straight-through processing scenarios can be implemented quickly and easily. By automating high-volume, repetitive tasks and integrating disparate systems, AWD/ST:

- Reduces overall processing time and frees skilled staff for more complex processing
- Improves quality by reducing manual intervention and the opportunities for error
- Ensures consistent service levels by using pre-defined business rules.

AWD/ST is a self-contained server that automatically works through multi-step processes, updating from one to multiple application systems. AWD/ST uses a set of previously defined business rules, routing work to other automated steps or to processors for exception handling.

To initiate a process, AWD or other applications use a set of high-level APIs. Built-in queue management handles multiple tasks and can manage a back log of work. The Transaction Manager obtains work from the Queue Manager and dispatches it to the Process Manager layer.

The Process Manager invokes the proper routine based on the type of work and its state. Then, the Process Manager drives the work through multiple steps and updates multiple systems. Lastly, it sends responses and status information back to AWD.

These processes are defined through an easy-to-use administrative interface. No programming is needed to define a process and its interdependencies.

### Integrating AWD/ST

You can use AWD/ST in environments where data from the Internet, electronic messaging, or intelligent character recognition must be handled according to well-defined steps and entered into multiple transactions or systems.

AWD/ST supports industry standard interfaces including OLE/COM, CORBA<sup>™</sup>, and the AWD external system interface. The AWD/ST solution runs on an Intel-based NT platform.

For more information on AWD/ST or other DST products, contact us at (816) 843-8200, email us at [awdinfo@dstawd.com](mailto:awdinfo@dstawd.com), or visit our Web site at [www.dstawd.com](http://www.dstawd.com).



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