

High Availability

Overview

The best, low cost solution to protect your operations.

What is an hour's worth of production worth in your facility? If shipping was offline for a single shift, what is the operational and financial impact to your organization? Have you learned the hard way that this can range from tens of thousands to hundreds of thousands of dollars in shipment delays, productivity loss, extra hours consumed to recapture information, and added stress to your organization?

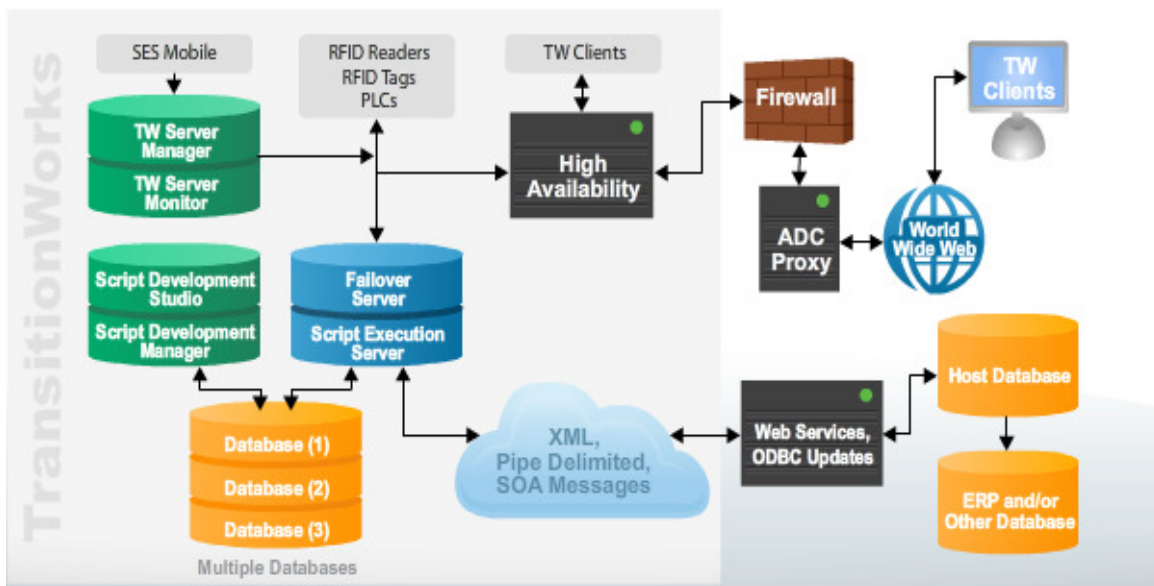
Network, hardware and software failures can happen at any time. With more and more companies leaning toward the serialization of inventory, automated data collection can no longer be viewed as a subordinate technology. TransitionWorks Software elevates automated data collection to a core technology and provides your organization with an inexpensive way to protect your entire operation.

TransitionWorks' High Availability for Failover and Load Balancing

There are various ways of ensuring your Automated Data Capture (ADC) environment is protected at all times and TransitionWorks offers an inexpensive way to protect your operations, using failover and load balancing processes. The most commonly used High Availability installation is "Full System Monitoring."

In this implementation, the Production and the High Availability (recovery) servers are fully mirrored and ADC Proxy (running on a separate machine) directs traffic to the active Script Execution Server (SES) at any particular point in time.

If the Production server goes down, ADC Proxy redirects the connected devices (clients) to the High Availability server and the users only have to log back into the system. The advantages of this setting include full availability at any point in time and the automated function of routing the requests of the users to a different machine that has the same data as the Production server.



Benefits

- Maintains 24 x 7 x 365 up-time
- Automated fail-over and load balancing
- Reduces shipment delays
- Reduces productivity loss
- Eliminates effort of re-capturing information
- Expedites recovery from network failures
- Quick & easy implementation
- Protects your operations



Tailored to your requirements

Not every situation requires the same level of high availability. TransitionWorks Software's High Availability is tailorable to your environment. If full system mirroring is required, the platform can be configured to the nth degree. If network availability and traffic is of little to no concern servers can be configured for high availability across the network. Otherwise local sub-networks can be implemented to continue working regardless of corporate network availability. All necessary software components can run on separate hardware minimizing any one specific point of failure in the configuration and each software component can have redundant components ready to take over if the production component becomes unavailable or a performance threshold is reached.

It is important to take in consideration the cost of downtime in your operations and balance that with the cost of adding redundancy in systems such as servers, RAID, UPS, Remote Sites, etc. TransitionWorks Software's professionals can work with you to find the best possible solution to safeguard your operations and your budget.

About TransitionWorks Software

TransitionWorks Software is dedicated to helping our customers improve efficiencies and simplify business processes. Since product inception in 1997, our TransitionWorks Software organization has accomplished this goal by iteratively developing, delivering and supporting a set of solutions that help manufacturing/distribution companies simplify and automate key supply chain processes using automated data collection technology such as barcode, RFID and voice. With proven, successful implementations world-wide, TransitionWorks' premier solutions for Inventory and Asset management is the system of choice for many leading companies in the world.

TransitionWorks Software Solutions:

Inventory Visibility
Sales Visibility

Asset Visibility
Custom Process Solution

Integration Capabilities – BPCS,
SAP, Oracle, JDE, Legacy, etc.

SAP[®] Certified
Integration with SAP Applications



For more information on TransitionWorks Software please visit us at www.transitionworkssoftware.com, email info@transitionworkssoftware.com or give us a call at +1.336.885.1373.