The Nexus System Control Software is an enterprise-level logistics management solution for the TransLogic Pneumatic Tube System (PTS). Nexus Software includes advanced transaction management and processing, providing reporting business tools that support system analytics to improve operational efficiency and decision support. The software also features remote monitoring of PTS operations to address problems proactively and reduce downtime and unscheduled service.
Features

Carrier Monitoring and Routing

- Ethernet Communication – Monitor and access system equipment using existing IT infrastructure
- Empty Storage/Empty Call – Access stored carriers immediately, to ensure availability during peak traffic hours
- Variable Speed Technology – Select speeds to improve transaction times and reduce impact on sensitive transports
- Transfer Unit Port Position Indicator – Shows current state of system transfer units to speed up system status check

Management Reporting

Web-based logistics dashboards offer real-time views of transaction status, operational metrics and system exceptions.

- Actual transaction travel time
- Equipment availability
- Power management to reduce operating costs
- Station empty carrier sends/receives
- System sends/receives per destination and/or zone
- System transaction counts
- System wait times (including per transaction at a zone)
- Travel time per sending station and/or destination

Activity Monitoring

- System View – Live visual carrier location for viewing diagnostics, maintenance, status and more
- Riser View – View and analyze traffic one zone at a time
- Traffic View – Real-time operational status for each zone, including pending and in-process transactions
- Event Log View – Real-time lists of alarms and equipment failures; and user, communication and diagnostic advisories
- User Settings – Control access and update operator, privilege and Personal Identification Number (PIN) code information

Maintenance Reporting

- Device cycles
- Equipment events
- Event summary, by device and zone
- System reliability

TransLogic is a registered trademark and Nexus is a trademark of Swisslog AG.