

ATVS

Time Validation System



Fortune 500 Companies sought out a more efficient and cost-effective OATS compliant solution

Background

A number of Amano's customers, who are the world's leading providers of financial services, including securities trading, investment management and credit services banks on Amano for a Time Solution.

As with all NASD-listed equity securities, compliance with OATS Rule 7430 for time synchronization is essential and required.

SEC Requirements

- Time Synchronization to an official time source at least once a day*
- Accuracy within +/-3 seconds per day*
- To-the second time recording and 4-digit year recording*
- Historical logs/reports must be maintained as evidence of time synchronization compliancy*

Customers Requirements

The firms' goal was to obtain a turnkey solution that minimizes time and effort from their IT group and branch office personnel. By monitoring and managing from a central location, they could eliminate the need for additional hardware or software at each location. The time stamps also had to be configured to prevent adjustments at the branches. In addition, they wanted a system that provided versatility, efficiency and a cost-effective means of notifying management of time validation errors or exception.

The Amano Solution

After experiencing several issues with the total cost, reliability and functionality of their existing time validation system, the firms decided to replace their existing time stamps with the Amano Time Validation System. The ATVS is the most accurate, reliable and secure system on the market. This system provides the only true TCP/IP solution that allows for management of the system-wide network from a central location. Amano also configured the time stamps, including the device names and tags for address assignments to meet the firms' requirements.

Time Validation System

ATVS

Amano—Solutions Driven by Need.

- The term, 'Solutions Provider' has become so popular that many companies simply present their products as solutions. At Amano, we begin with a thorough analysis of your needs in order to provide a true solution.

Firm's Needs/Solution at a Glance

<i>SEC/Firm's requirements</i>	<i>Amano Transaction Validation System</i>
<i>FINRA OATS rule #7430 compliance for time synchronization</i>	<ul style="list-style-type: none"> • Synchronizes with NTP Servers • To-the-second time recording and 4-digit year recording • Historical logs maintained on customers servers
<i>No software or additional hardware installation required at branches</i>	<i>Complete server-based solution</i>
<i>Versatile and efficient notification of errors and exceptions</i>	<ul style="list-style-type: none"> • Event notification through SNMP (Simple Network Management Protocol) traps. Configured to client specifications • E-mail notification of clock status and/or failure to synchronize time, configurable to choose group/device to send e-mail to chosen recipients • Reports including status/error, transaction log and configuration settings security
<i>Security</i>	<ul style="list-style-type: none"> • Login with configurable access rights • Time stamps cannot be adjusted or altered at branches

PIX-3000xNT Hardware and ATVS Software

- Accurate to within 4 tenths of a second per day
- Battery powered back up – up to 400 punches or 72 hours of operation
- Hardware will continue to function accurately even if does not receive synchronization confirmation
- Alerts users of synchronization error on imprints and LCD display
- Quick and easy ribbon cartridge replacement
- Compatible with Windows NT/98/2000 (ME)/2003/XP, Vista



AMANO®

140 Harrison Avenue, Roseland, NJ 07068-1239
 (800) 526-2559 www.amano.com