Ironsides Technology
Automated Production Tracking (APT)

APT protects the integrity of printed private information and enables real time production control and reporting within any print & mail environment processing variable information. APT includes SLA measurement and notification, tracks piece and job level performance, and creates the compliance reporting necessary to optimize document processing operations and allow clients to expand their customer base.

Solution
- Improves customer production throughput through optimization of resources
- Allows multiple jobs to be produced and tracked simultaneously, improving production capacity and cost per piece
- Creates internal communication between team members such as document creation and production departments regarding all aspects of workflow and job performance
- Enables real time control of production to solve problems such as load balancing, reprints, and identification of integrity errors
- Provides real time analysis of production versus SLA commitments
- Provides production control and reporting across multi-vendor and multi-platform print & mail environments
- Enables clients to process newer, high integrity jobs on legacy equipment
- Provides a real time view to work-in-process, SLA performance, and productivity analysis with over 100 standard reports

Value
Optimizes production throughput and reduces cost per piece through reduction of manual labor and optimization of equipment.

Benefits
Ensures document integrity and regulatory compliance through piece level verification, tracking, and reporting.
Additional Benefits

- Creates a dashboard to production and performance by providing all departments with job and piece level status information
- Reduces clients’ risk of penalties associated with late delivery by monitoring production performance in real time versus SLAs
- Minimizes clients’ Capex expenditures by allowing new, high integrity jobs to be processed on legacy finishing and inserting/mailing equipment

Specifications

Software requirements:

- APT server computer: 1 per site
  - Processor: Multi-Core processor or multiple CPUs (Intel Xeon processor x86)
  - OS: Microsoft Windows 2003 Server Standard or Enterprise edition, 32-bit
  - DataBase: Microsoft SQL Server 2005 or 2008 Standard or Enterprise edition (can be in separate database server computer)
  - Prerequisite: Microsoft .NET framework 2.0
  - RAM: >= 4GB
  - Network: TCP/IP, high speed connection
  - Monitor

- APT device PC (x86): 1 per inserter or printer device (full size tower PC)
  - Processor: Dual-Core CPU
  - OS: Microsoft Windows XP Professional (sp2)
  - Prerequisite: Microsoft .NET framework 2.0
  - RAM: >= 1GB
  - Hard disk: >= 60GB
  - Serial Ports: 1-5 RS232 COM ports
  - Expansion slots: 3+ PCI slots
  - Network: TCP/IP, high speed connection
  - Monitor: 20”+ LCD

- APT Work Station (x86): 1 per processing area for reporting and dashboard (optional)
  - Processor: Dual-Core CPU
  - OS: Microsoft Windows XP Professional (sp2)
  - Prerequisite: Microsoft .NET framework 2.0
  - Application software: Windows Office 2007
  - RAM: >= 1GB
  - Hard disk: >= 60GB
  - Network: TCP/IP, high speed connection
  - Monitor: 20”+ LCD