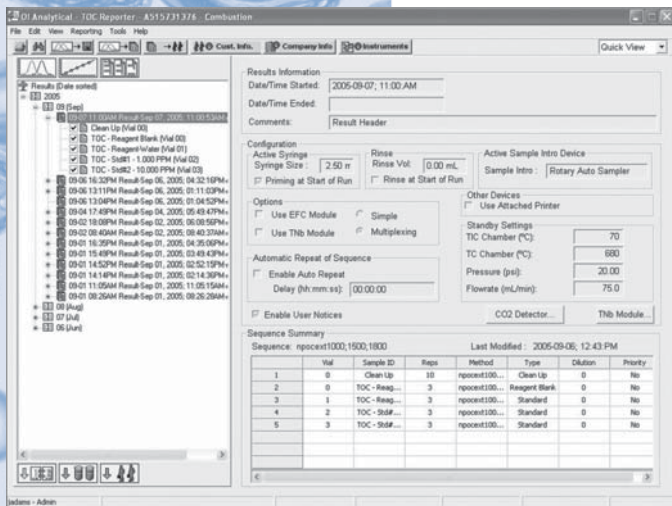


A_{TOC} Software

Software for Aurora 1030 TOC Analyzers



- Network connection for data storage and remote control of multiple TOC analyzers
- 21 CFR Part 11 data handling, security, auditing, and reporting with multilevel user-access controls
- Customer and sample ID tracking for trending and reporting
- Customized report generation with management review and approval capability

Principal Applications

- 21 CFR Part 11 compliance for data handling, security, and auditing
- Fully automated data transfer and management
- LAN/LIMS operation
- Remote analyzer operation without a touchscreen

Description

Aurora 1030 TOC Analyzers include a CD containing basic software that supports data transfer from an instrument to a PC. Aurora 1030 Analyzer settings enable the Data Transfer Service (DTS) to send data to a computer running this basic PC software. The Data Gathering Service (DGS) in the PC collects incoming data and sends a .csv file to a storage location for data retrieval by a LIMS system. If the operator does not use a LIMS system, data files can be accumulated by changing the filename before initiating each analysis run. The resulting data files can be manually accessed, selected, and transferred into Excel spreadsheets.

Software Modules

A_{TOC} is a Windows®-based software package that provides enhanced, fully automated data management capability. The software is specifically designed to automate data collection, analysis, reporting and storage in a LAN/LIMS environment. A_{TOC} software consists of four modules; TOC Launchpad, TOC DGS, Security and Auditing Manager, and TOC Reporter.

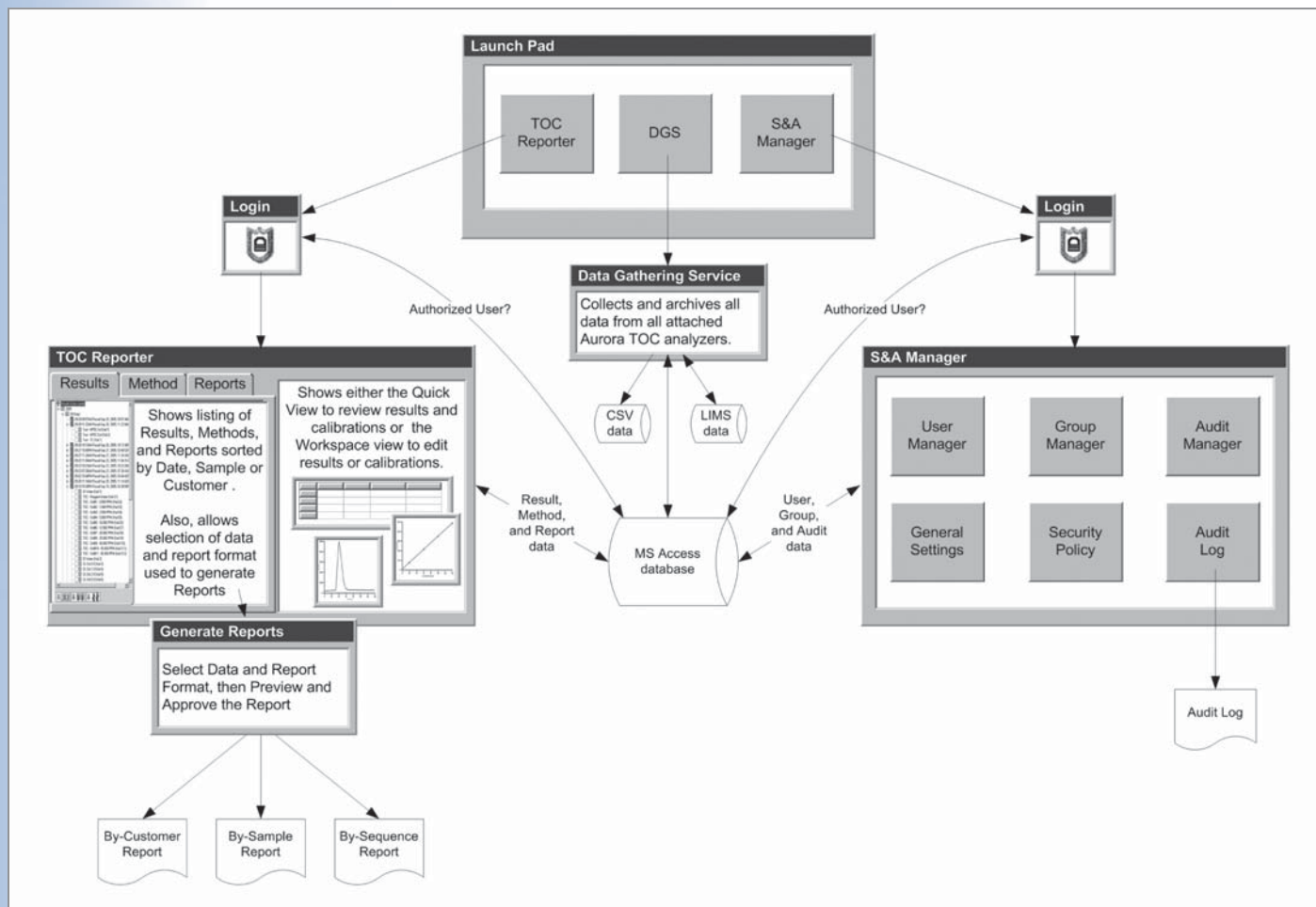
TOC Launchpad serves as a control panel providing access to key configuration parameters for database access, data storage, and software functions.

TOC DGS provides a secure link between any number of Aurora 1030 TOC Analyzers and the relational database where operational and customer data is stored for export and reporting.

Security and Auditing Manager allows a laboratory administrator to define access levels and functional privileges, as well as set up and maintain user IDs and passwords for TOC instrument operators and supervisors. This module provides customized auditing capability and review of archived audit trail data for 21 CFR Part 11 compliance.

TOC Reporter can be used to review results, generate customized reports, and export data to a LIMS. TOC Reporter supports sample and customer ID tracking for trending analysis. Calibration peaks can be selected and applied during data evaluation to fit specific reporting requirements. A unique feature allows management to limit access for report approval.

Operating Environment



A schematic overview of A_{TOC} software modules and their relationship to each other.

Computer Requirements

Parameter	Recommended
Computer	IBM compatible
Processor speed	2 GHz
Memory	512 MB
Free disk space	1 GB
Operating system	Windows 2000 Pro or XP Pro
Graphics	SVGA
Communications	10/100 TX Ethernet
Printer	Any IBM compatible, supported by Windows 2000 Pro or later

Other

Parameter	Recommended
Communications	Ethernet
TOC analyzer requirements	DGS
	S&A
	IP address for analyzer
Installation options	LAN
	LIMS

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