AVEVA Process Data Analytics

Trinity Consultants is a leading global environmental consulting firm that brings 50 years of experience providing services and solutions in the EHS Regulatory Compliance, Built Environment, Life Sciences, and Water & Ecology markets. Trinity has the technical expertise and acute industry knowledge to provide optimal solutions to highly complex pharmaceutical development, process, safety, and facility design challenges.

Aztec Technologies (Aztec), a Trinity Consultants team, is a Certified AVEVA PI System Integrator. Our engineers provide our customers with solutions to collect and store data using AVEVA. Whether a client is an existing user or considering a new implementation, we provide solutions that aggregate and manage data for visualization, analysis, and reporting. We combine data, alarms and events to provide our customers with a complete visualization package to troubleshoot their process.

Aztec's PI engineers have been designing, developing, and implementing PI Systems since 1992 and include experienced ex-OSIsoft employees. Aztec PI Solutions has successfully delivered many customer projects based on OSIsoft PI ProcessBook®, PI DataLink® and RtReports throughout the world.

Remote PI Admin Support

Aztec's Remote PI Admin Support fills the role of a full-time PI administrator. Our experienced Remote PI Administrators take care of all the day-to-day maintenance and operation of our clients' PI Systems. Our Basic Remote PI Admin Support includes:

- Reliability health checks: archive status, backups, security checks, and message log reviews

- PI System maintenance (establish core operation baselines and tag compression review, interface optimization, and roll out of any software updates)
- Management of PI System user accounts
- PI Interface and Tag maintenance (including PI Tag creation and PI Tag attribute editing)
- Updating PI System Validation and Configuration documentation
- Monitor CPU and RAM memory usage of the PI Data Archive Server
- PI Interface monitoring by trend
- Disk space checks to ensure continuous archiving of data
- PI Licensing checks on tag limits and expirations
- Monitor buffer sources for queue build-up
- Routine backups of PI Server configuration and data
- Weekly backup of Security settings including PI Users, PI Identities, PI Mappings, and PI Trusts

If you are new to remote monitoring, we can work with you to implement proven secure VPN access to your PI System. Annual or 6 month renewable Basic Remote PI Admin Support contracts are available.

Additional Services

For established PI Systems, additional value can be gained by upgrading to our Advanced Remote PI Admin Support, which includes all the basics plus:

- Develop and test PI DataLink® reports
- Develop PI ProcessBook® screens
- Provide Webinar based user training for end users of the developed screens and reports

Trinity Consultants' Advent Engineering Life Science Solutions team includes industry veterans from legacy companies Advent Engineering and Aztec Technologies, which were acquired by Trinity Consultants in 2018 and 2022, respectively. Our team has deep expertise in the commercialization of pharmaceutical/bio-pharmaceutical processes. At the heart of Aztec is a passion for solving complex challenges through tailored automation solutions. With a global footprint and a commitment to understanding the unique needs of each client, we bring a personalized approach to each project. The team includes highly qualified engineers and other technical specialists who work onsite at client facilities, performing engineering and design work to meet clients' development and manufacturing goals.

AVEVA
CERTIFIED OPERATIONS
System Integrator

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CONTACT OUR TEAM!

For more information about how we can help your organization, please contact us.

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