Let your SCADA System do the Reporting for you

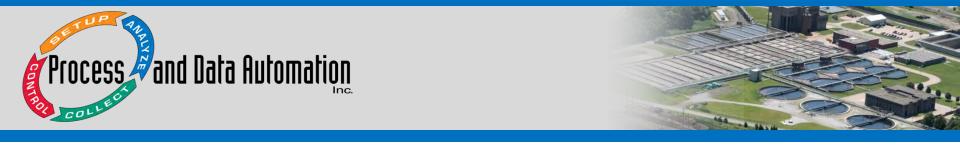


Automated Regulatory Reporting

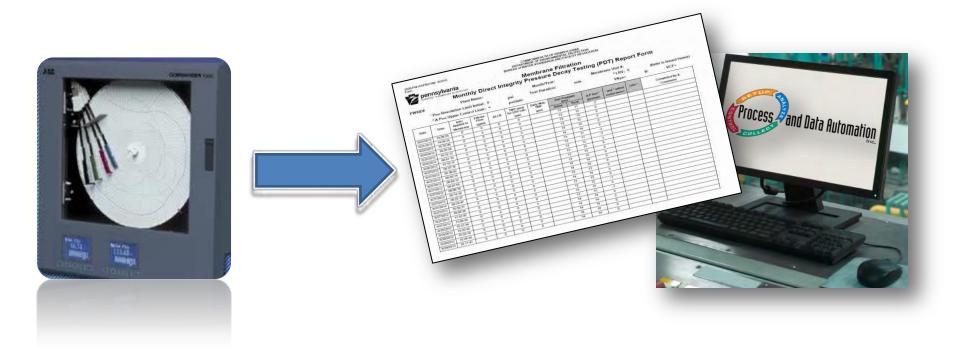


Presenter: Jeremy Anderson, Project Manager & Sales Engineer





Let your SCADA System do Reporting for you







Design Considerations



What Data do you need to collect?



Where are you collecting data from?



How long do you need to keep the data for?



Who will be using the data?

Other Key Considerations

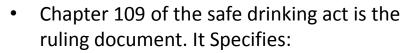
- Overall Cost
- Future Expansion
- Security of Data
- Redundancy





Department of Environmental Protection Standards





- Filter Plants
- Well Systems and Rechlorination Points
- General Systems
- Reporting Standards
 - Frequency of records to be taken for chemicals, filters, etc.
- Up and Coming Rules/Programs
 - LT2
 - Distribution Optimization
 - Secondary Contamination due to aging infrastructure



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Hand Jam



Pros	Cons
Low Cost	Resource Reliability
	Shared Resources





Local Chart Recorder/ OIT

Pros	Cons
Reliable Data	Failure of Instruments
Removes Testing, Just Recording	Limited Trending
	No Digital Query









SCADA/HMI Computer

Pros	Cons
Eliminates Human testing and recording	Data Query by file naming structure
Utilizes Print Screens as Reporting	Data is not Dynamic
	Instrument Failure
	Raw Data can be .CSV and not secured from editing







Web-based Application



	Pros	Cons	
	Database	Higher Cost	
	Dynamic Reporting	Changing and Expanding the App is best by creator.	
	Friendly with Digital Based Hand Jamming		
	Developed to work with existing Hardware Platforms		
	Configured for end- user		





Historical Trending Software















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Important Information & Resources

DEP Regulations and Resources

- Chapter 109 of the PA Code 'Safe Water Drinking Act'
 - http://www.pacode.com/secure/data/025/chapter 109/chap109toc.html
- Sample Collection & Data Management (Data Integrity)
 http://www.elibrary.dep.state.pa.us/dsweb/Get/D
 - ocument-85563/3800-BK-DEP4318.pdf

Tips to Implementation of a SCADA System

- Find a trusted Partner to work with you through the entire migration phase
- All raw data must be secured from public editing
- Understand your needs and the value of having a reporting system.



Visit Booth #xx for our extended Information & Resources Hand-out







Questions?

Thank you for attending our presentation!

Visit us at Booth #43

Jim Barish

V.P. Sales & Client Services (814) 882-6983 Mobile (814) 866-9600 ext. 230 jbarish@processanddata.com

Jeremy Anderson
Sales Engineer
(814) 403-3894 Mobile
(814) 866-9600 ext. 237
janderson@processanddata.com



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