

Leverage Seeq's Advanced Analytics to Improve Your Pharmaceutical Operation

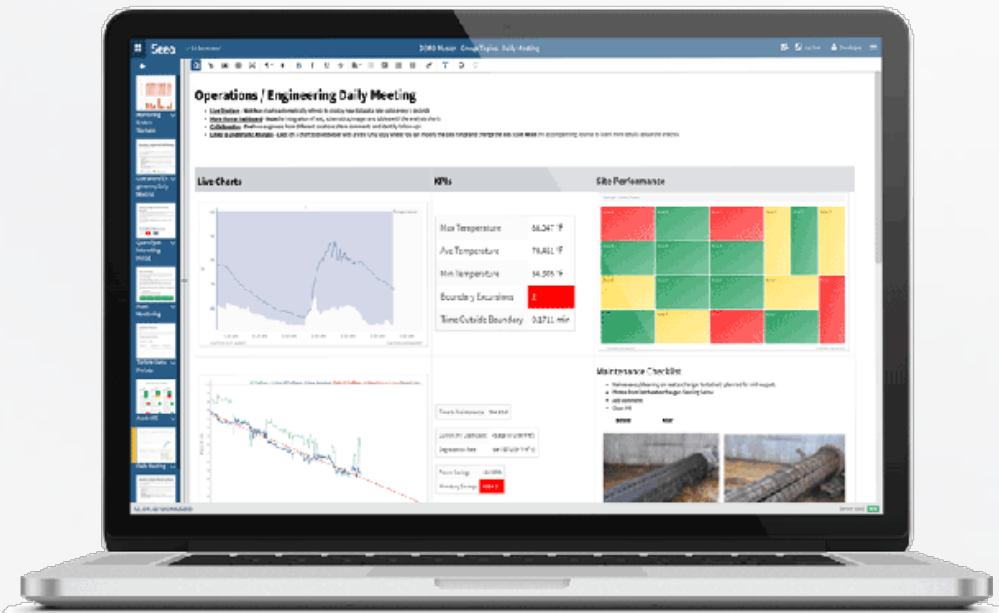
Seeq provides the leading time-series virtualization, collaboration, and advanced analytics application to improve business outcomes within pharmaceutical operations—including operational efficiency, batch consistency, rapid investigation of process and quality data analysis, and more.

Seeq's applications connect to disparate data sources and provide rapid insights to improve operational decision-making. This application creates a simplified system for accessing difficult process data for multivariate data analytics that is easily deployed allowing access to data historians, IoT and cloud platforms, meeting regulatory requirements.



With Seeq, say goodbye to data silos and batched processes, repeated reporting tasks, no real-time data connectivity, and complex data not easily contextualized. Genealogy is complex, now you have the ability to contextualize and understand data rapidly for increased speed to market.

- Maximize data integrity – full data accessibility, no data transfer or copies
- 2k+ unique Seeq users in the pharmaceutical industry
- \$100M ROI realized by Seeq pharmaceutical customers
- Minimize OOS results and improve turnaround of OOS investigation
- Perform CPV and establish QbD



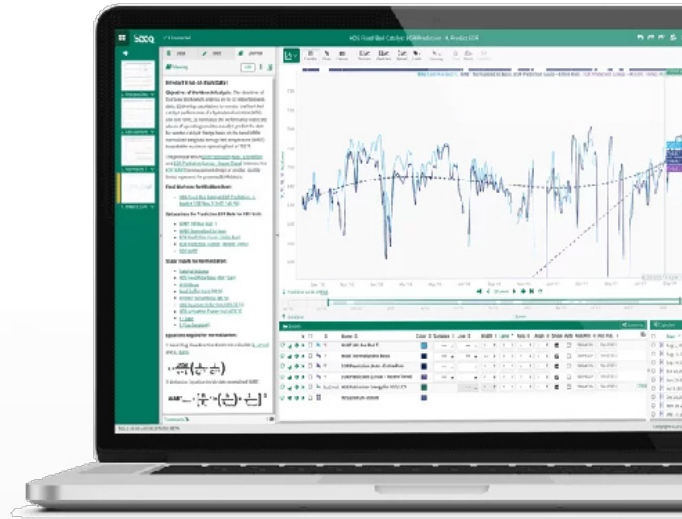
Data Intelligence Designed for Your Industry:

- **Pharmaceutical**
- **Biopharma**
- **Vaccine**
- **Medical Device**
- **Generics & Biosimilar**
- **CMO & CDMO**
- **Animal Health**
- **Excipients and Media Supply**

How You Can Apply Seeq:

Pharma Use Cases

- **Reactor Transition Optimization: \$1M/year average savings**
- **Product Scheduling Optimization**
- **Clean in Place Cycle Optimization**
- **Maintenance Management**
- **Batch Quality Prediction: \$5M/batch**
- **Reduction in Time to Market: \$1M/day**
- **Product Quality Modeling & Control: \$500k/year**
- **Batch Cycle Time Analysis: \$1.5M/year**
- **Chromatography Transition Analysis**
- **Continued Process Verification (CPV)**



Input from Pharmaceutical Industry Leaders:

“

Seeq transformed everything.
Data is fast and accessible.
Insights come quickly. Buy-in from
operations comes faster.

- Seeq Pharmaceutical Customer

“

Seeq is a really brilliant
piece of software.

- IT Business Partner at
Top 10 Big Pharma



Abbott



Bristol Myers Squibb™



MERCK

LONZA



Roche

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About Seeq Corporation

Founded in 2013, Seeq publishes software applications for manufacturing organizations to rapidly find and share data insights. Oil & gas, pharmaceutical, specialty chemical, utility, renewable energy and numerous other vertical industries rely on Seeq to improve production outcomes, including yield, margins, quality, and safety. Headquartered in Seattle, Seeq is a privately held virtual company with employees across the United States and sales representation in Asia, Canada, Europe, and South America.

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