# Seeq® TABULAR

- **Accelerate analytics and time to insight across batches and stages**
- **Search, filter, and select S88 procedures or OSIsoft PI Event Frames**
- **Easy to use and integrated with Seeq Workbench and Organizer**

> "Seeq Tabular is a solution specifically designed to accelerate experiment, batch and production run analytics; it enables subject matter experts to *ask better questions that improve commercial outcomes*."

## Seeq Tabular Features

- Automated workbook builder with commonly used formulas
- Improved filtering of S88 batch procedures or lab experiments
- Analyze with Seeq Workbench and publish with Seeq Organizer



## Benefits Include:

With Seeq Tabular, Seeq Workbench, and Seeq Organizer, users have a comprehensive solution for finding and sharing insights across batches, production runs, and other repeated process. Benefits of this approach include:

- Easy and faster visualization and analysis of process and analytical data.
- A centralized, single location to overlay events across multiple equipment scales or sites.
- Reduction in errors due to manual copying and alignment of data in spreadsheets.
- Knowledge capture of employee expertise and analyses for sharing with colleagues.
- Publish insights as web pages, PDFs, dashboards, and business intelligence applications.

## How can I get started using Seeq Tabular?

Seeq Tabular is licensed on a per user or per site basis. Contact Seeq at info@seeq.com for more information.


Rapid integration of OSIsoft PI Event Frames into Seeq Tabular.

## Business Challenge

Companies invest significant resources in the research and development of their products, generating significant volumes of data as a result. This data is often voluminous and challenging to leverage for analytics because current manual efforts to achieve insights are too expensive and time consuming.

Seeq Tabular, an add on to Seeq Workbench, is a solution for the specific challenges of finding insights across batches and stages. With a centralized, single location to filter S88 batch procedures, lab experiments, or events, Seeq Tabular takes hours and days out of the typical batch analytics process. It also enables users to build templates for data visualizations and calculations for recurring analyses and to share results with colleagues using Seeq Organizer dashboards and reports.

The result of using Seeq with Seeq Tabular is customers will gain better insights, faster, to identify and improve production and business outcomes in their organization. This will speed product time to market and improve process economics for both batch and continuous manufacturing organizations.

# Case Study: R&D to Scale-Up

**Solution:** With Seeq Tabular, Research & Development data from on-line and off-line sources during experimentation, scale-up to pilot, and commercial scale may be easily compared.



*Figure 1: Users select the data they want to compare by searching and filtering by production conditions (e.g., lot #, batch description, catalyst, quality metric).*
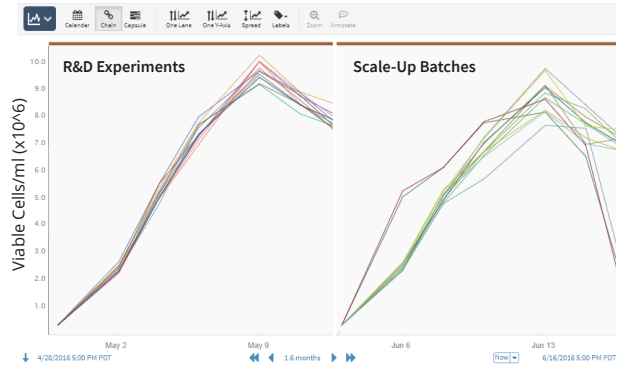


*Figure 2: Data from multiple experiments or production scales may be overlaid to easily identify correlations and compare outcomes.*

# Case Study: Production Event Overlays

**Solution:** Seeq Tabular provides a new display pane in Seeq Workbench to search, filter, and overlay similar production events or batches based on OSIsoft PI Event Frames.
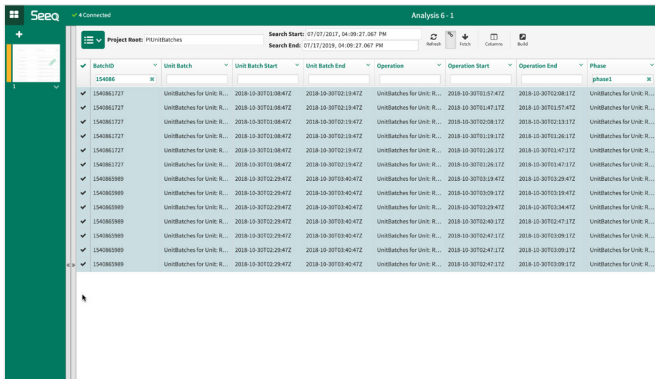


*Figure 1: Rapidly select production events or batches to create Seeq Workbench workbooks to compare process data sets (e.g., catalyst optimization).*
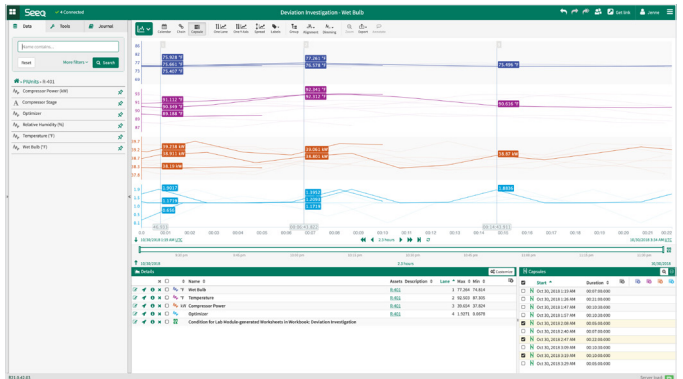


*Figure 2: Overlay and compare production events or batches to discover new insights.*

# Example Industries

Food & Beverage

Oil & Gas

Pharma & Life Sciences

Power Generation

Chemicals & Petrochemicals

**Seeq Corporation**
1301 2nd Avenue, Suite 2850
Seattle, WA 98101
www.seeq.com  |  (206) 801-9339