



# STRATAVU

Your simplified configuration solution

## Looking for an affordable way to manage and automate your well pads?

**StrataVu** makes programming easily accessible to both traditional and non-traditional programmers and is designed to create robust control configurations. With StrataVu, you can save time and costs while avoiding the cumbersome task of editing code - resulting in a more dynamic programming experience. Say goodbye to programming struggles and hello to the convenience of StrataVu.

## New Standard for Simplified Programming

- Simplified Configuration Model
- Cause & Effect setup application
- PostgreSQL database
- Standard Wellsite Control
  - Well Manager (WellMgr) Module
  - Tank Manager (TankMgr) Module
- Works with both oil and gas well pads
- Manages single or multi-well sites
- Powered by groov EPIC
- Well optimization modes: manual, plunger, intermittent
- Plunger Lift coordination function
- Local Data Historian
- Supports local reporting and high-resolution trending
- UL and Hazardous Locations approved
- Edge to Cloud Capable



## How it Works

Developed for the groov EPIC System, StrataVu is our proprietary application that empowers program engineers and non-traditional programmers such as Automation Technicians, to create solutions.

StrataVu seamlessly integrates a modular programming method, leveraging the groov EPIC's memory, control capability, and extensive IO selection. StrataVu utilizes both Modbus TCP and Modbus RTU for communication options. This unique collection of functions and modules can be tailored to meet your specific application needs.

Opto 22 is renowned for their quality and reliability as all of their products are manufactured and tested in the USA. Visit [opto22.com](http://opto22.com) to learn more about how their IoT platforms bridge the gap between IT/OT.

## Request a Demo

Try StrataVu today and experience the future of well pad programming.

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StrataVu's high flexibility and capabilities make it a go-to solution to reduce the need for specialized programming knowledge.



[strata-is.com](http://strata-is.com)

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Features	Benefits	Advantages
<b>Simplified Step-by-Step Configuration Module</b>	Accessible: Savings:	Makes programming accessible to traditional and non-traditional programmers Configure and deploy the product for a fraction of the cost and time
<b>Cause &amp; Effect Setup Application</b>	Accessible: Savings:	Diagram-based technique that reveals all possible outcomes of a configuration Most cost-effective method for well site automation
<b>PostgreSQL Database</b>	Accessible: Secure:	No specific software or HMI programming required No SCADA host protocol needed to pull data View pad-wide data, including trending for tanks, tank groups, and wells Safely stores and scales complex data workloads locally Ensures historical data is recovered if communication is lost
<b>Well optimization modes: manual, plunger, intermittent</b>	Control: Data:	Adaptable single configuration for operating wells in all modes allows operators to maximize production at all stages of the well life cycle Helps extract maximum returns from Shale wells faster Records detailed plunger arrival records (last five runs locally) Allows the operator to see potential trends in production and adjust accordingly
<b>Local Data Historian</b>	Data Collection: Flexible: Accessible: Compatible:	SQL database with MS Excel reporting Data Historian (30 seconds, 1/3/15 minutes, 1-hour, and daily records for all data points) Logs all changes to C&E (Cause & Effect) Matrix Digitally records liquids custody transfer details (load type, driver details, and transfer data) Open Protocol – works with most PLC/RTU, hardware, or end devices Local or remote access to Data Historian Configuration programming through browser-based utility Existing SCADA or business systems can pull records with the system's interface
<b>Edge to Cloud Capable</b>	Accessible: Speed: Savings: Secure: Scalable: Capacity:	Fast data processing & analysis, for critical responses Enables real-time services to significantly reduce latency Efficient & Cost Reduction Data Security Grow as your business grows Unlimited Storage Capacity
<b>UL Hazardous &amp; ATEX compliant</b>	Secure:	Operates through a wide range of temperatures (-20 to 70 °C) Designed for use on variety of applications and operating environments
<b>Functional Design</b>	Accessible: Flexible:	Robust troubleshooting includes LED light indicators, drawings, values for individual IO points, and more - helping technicians identify the IO associated with each device Hot-swappable IO - no need to shut down device to swap IO PIDs continue running even when control programs on the processor stop PIDs operate at the IO unit level, independently of the processor Backward compatible with Opto 22's product line



## STRATA INNOVATIVE SOLUTIONS

**Founded in 1997, Strata Innovative Solutions**, is an engineering, integration, and automation service provider. Our mission is to provide our clients with intelligent technologies and the best solutions to enhance their operations. Learn more:



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