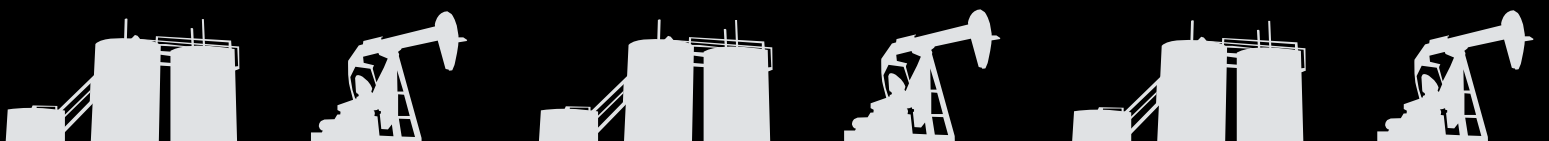


# MONITORING AND CONTROL SYSTEMS FOR INDUSTRIAL EQUIPMENT



**VIKING**  
— SCADA —



# FIELD CONTROL AND MONITORING

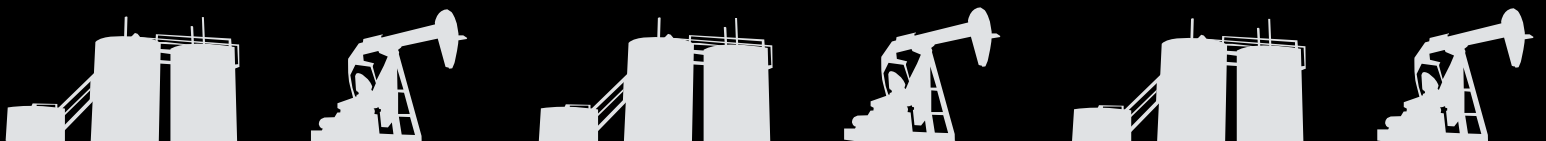
## SIMPLE SYSTEMS WITH SINGLE PUMP AND TANK



Experience the versatility and convenience of Viking SCADA's local pump system. With the ability to operate via simple contact or by using an adjustable analog output signal to control the speed of a VSD, you'll have full control over your pumping operations. Plus, Viking SCADA's intuitive interface makes it easy to use and manage these devices. And to top it off, Viking SCADA even provides power to the analog tank 4-20mA pressure transducer, saving you additional costs and streamlining your operations. Upgrade to Viking SCADA's advanced local pump system today.

## SECURITY AND ENVIRONMENTAL SYSTEMS

With the Viking SCADA 4ADI-5DO3 and our other models, you can wirelessly control and continuously monitor environmental systems such as pumps, fountains, heaters, and security devices. Any fault conditions will trigger alarms, and the system's battery back-up ensures full operation during power failures.



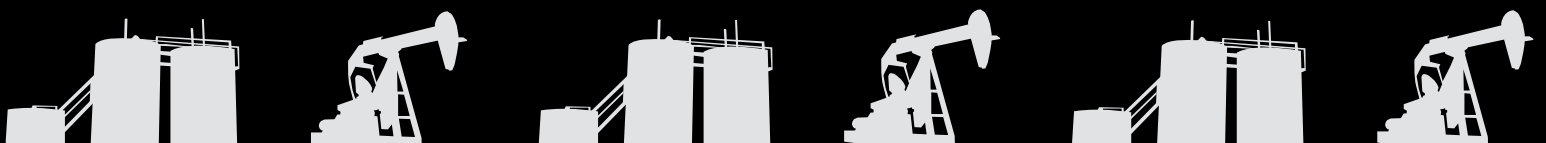
# FIELD CONTROL AND MONITORING

## TANKS, PUMPS AND REMOTE CONTROL SYSTEMS



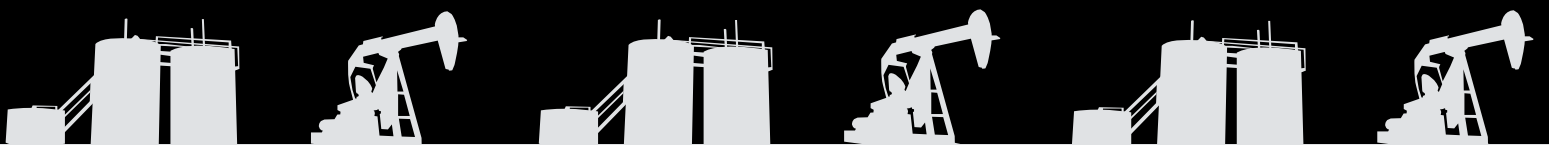
With Viking SCADA units, you can remotely manage your tanks from anywhere within a 25 mile radius without the need for any wires or cables. These powerful devices allow you to monitor both high and low levels in your tanks and control the fill and drain pumps with ease. In the event of a power outage or system failure, the Viking SCADA units will automatically send out local and remote alarms to keep you informed. Plus, with their internal battery backup, you can enjoy full function operation for hours on end. Stay on top of your tank operations with the advanced technology of Viking SCADA units.

Wirelessly control and continuously monitor your pumps, tanks, VSDs, switch contacts, security devices, and more with the advanced technology of Viking SCADA. From up to 75 miles away, the 4ADI-5DO3 and more advanced units offer unparalleled control and monitoring capabilities. In the event of a fault condition, you can easily activate alarms and shutdowns from any location. Plus, with every unit monitoring the network condition and automatically reverting to a known state during error conditions, you can trust in the reliability of Viking SCADA. And with the ability to connect up to 255 units in a single network, you'll have access to over 1,000 inputs and outputs - perfect for even the most complex operations. Upgrade to Viking SCADA for the ultimate in remote monitoring and control.



# FIELD CONTROL AND MONITORING

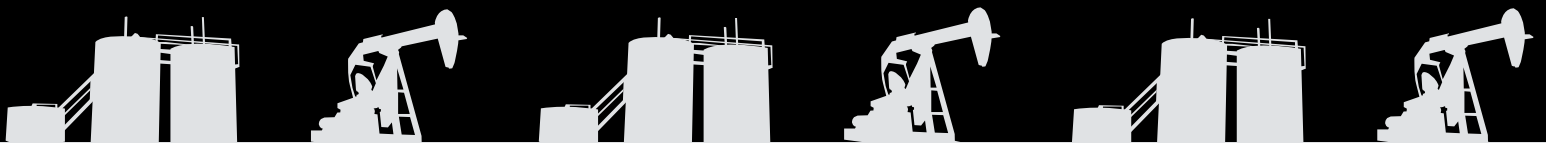
Tank Levels | VFD Currents | Pump Activity



*Are you tired of being tethered to your field equipment?* Viking SCADA has the solution for you. Our wireless network communications system uses advanced 4G technology to allow you to remotely monitor and control your equipment from any location. With Viking SCADA, you'll enjoy the convenience and flexibility of being able to manage your operations from anywhere. Don't miss out on this game-changing technology. Upgrade to Viking SCADA today and take control of your field operations.



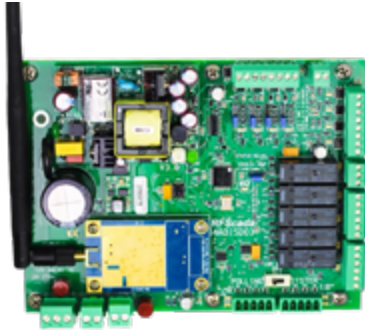
**Start & Stop Equipment**





# VIKING - SCADA -

## SCADA 4



## SCADA 16



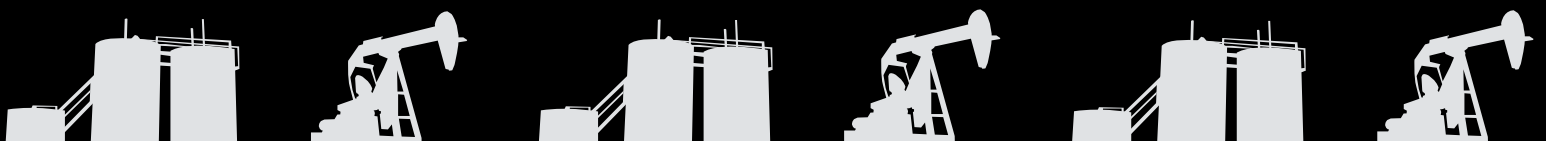
## SCADA 32



|                                    | Viking SCADA 4       | Viking SCADA 16       | Viking SCADA 32       |
|------------------------------------|----------------------|-----------------------|-----------------------|
| <b>Input</b>                       | 4-4-20MA, 0-10V, DIG | 16-4-20MA, 0-10V, DIG | 32-4-20MA, 0-10V, DIG |
| <b>Output</b>                      | 5 RELAY              | 9 RELAY, 4 AOUT       | 9 RELAY, 8 AOUT       |
| <b>Communication</b>               | SS, UHF              | SS, UHF, IP           | SS, UHF               |
| <b>Remote Access Functionality</b> | PC BASED             | IP MODEM, PC BASED    | PC BASED              |

## STANDARD FEATURES

- Easy installation and setup
- Reliable and secure data transmission
- Customizable alerts and notifications
- Scalable design allows for expansion as your needs grow
- Wide range of compatible devices and systems
- Advanced features such as encryption and error correction for maximum security and accuracy
- Cost-effective alternative to traditional wired solutions



# PRODUCT FEATURES



When an alarm is triggered, the software has a variety of options for alerting you. It can play audible alerts, display pop-up warnings on your computer screen, dial out and speak the alarm, send email or text message notifications, print an alarm report, or even call a radio transmitter to broadcast an audio message over a radio network. You can customize the parameters for each potential alarm signal, ensuring that you receive the notifications that are most relevant to your needs.



The statistics are automatically accumulated and can be emailed daily if needed. Statistics are viewable at any time.



History logs are generated for all alarm events, as well as other events.



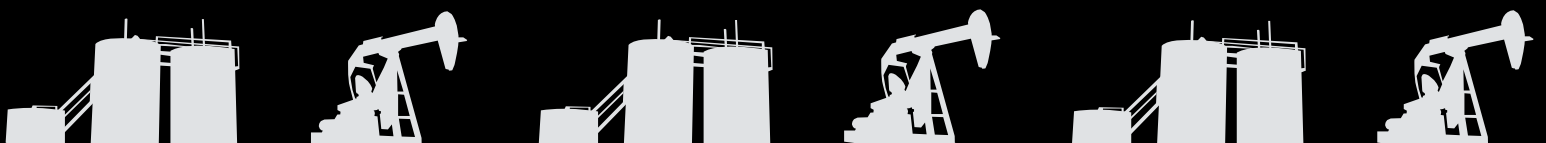
The ability to calibrate can be invoked at any time. If a transducer needs to be replaced in the future, it is simple to recalibrate even while the program runs.

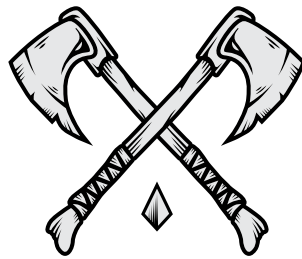


OTS can track power-on, run times, starts, and events for any I/O device. The maintenance screen within the program shows the current status. Daily maintenance status reports in text format are generated and can be automatically emailed. Many operators use this feature to receive a text message or phone call when the maintenance status is at 90%.



The graphs feature can show historical values, including tank levels, pump activity, and VSD currents. Typical applications have a 10-second time resolution and can store several months of data. All data may be exported for analysis with program such as Microsoft® Excel®.





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