

SCADA'S TOO EXPENSIVE

NOT THE WAY WE DO IT.

IT DOESN'T WORK

OUR SCADA SYSTEMS ARE WORKING RIGHT NOW,
IN THE GULF, CHINA, MIDDLE EAST, AFRICA...

I'M NOT INTERESTED

... MAKING THOSE COMPANIES MORE PRODUCTIVE
AND PROFITABLE.

HMMM, YOU DON'T SAY...



TEST SCADAWARE™
Working Right Now

We Do Say...



TEST SCADA isn't a gadget in a box.

It's an information system. And while SCADA stands for Supervisory

Control And Data Acquisition, at TEST, SCADA also means increased production and decreased costs for your oil

and gas operation. It won't cost you a ton of money.



Forget the stories about

inefficient "SCADA Monsters." They're designed by non-oilfield component manufacturers who think all wells look



alike. TEST SCADA Systems are backed by twenty-five years of hands-on experience, in oilfields all over

the world. TEST SCADA is specifically designed to increase your profitability. We always start with a

solid economic justification to show that your system makes sense. SCADA should support your business, and not the

other way around. We use industry-standard components...

simple PC's... not proprietary electronic dinosaurs that

become obsolete every three years. In just a few weeks, you

can have a TEST SCADA system working

Piper	PL	... 1%	1%
Pittman	PPTH	... 7%	7%
Planis	PLNS	... 23%	24%
Presida	PRDA	... 10%	10%

around the clock, every minute of the

day, helping you to improve your profitability.



TEST SCADA lets you use PC Technology to increase your oilfield profits, 24 hours a day.

TEST SCADA SYSTEMS NOT ONLY WORK, THEY'RE



WORKING RIGHT NOW ALL OVER THE WORLD.

High-Yield Information

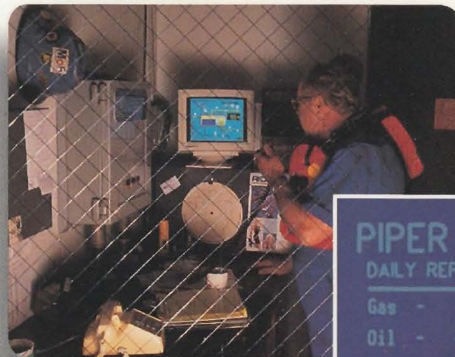


An informed operator is a cost-effective operator. To keep production flowing, TEST SCADA informs you with computer displays, voice messages, digital beepers, and FAXed reports. TEST SCADA responds immediately to alert your field operators about critical production alarms. This information can also be forwarded to your office, keeping you in touch with your "money machine." Remote monitoring makes routine site visits unnecessary, reducing costly

transportation of manpower. TEST SCADA makes your operations safer by eliminating travel in bad weather. Alarm information

isn't all TEST SCADA provides to improve your operation. Standard features include AGA-3 gas measurement, oil measurement, gas-lift optimization, chemical pump control, and automatic well testing. Unlike limited

purpose SCADA, our systems also serve as a check meter to monitor your sales volumes. TEST SCADA's high-yield information makes your operation safer, more efficient, and more profitable.



TEST SCADA can retrieve and distribute the information you need, when and where you need it, eliminating costly transportation.

PIPER PRODUCTION	
DAILY REPORT	
Gas -	34.2 MMCF
Oil -	4,201 Bbls
Water -	1,311 Bbls
Fuel -	2.9 MMCF



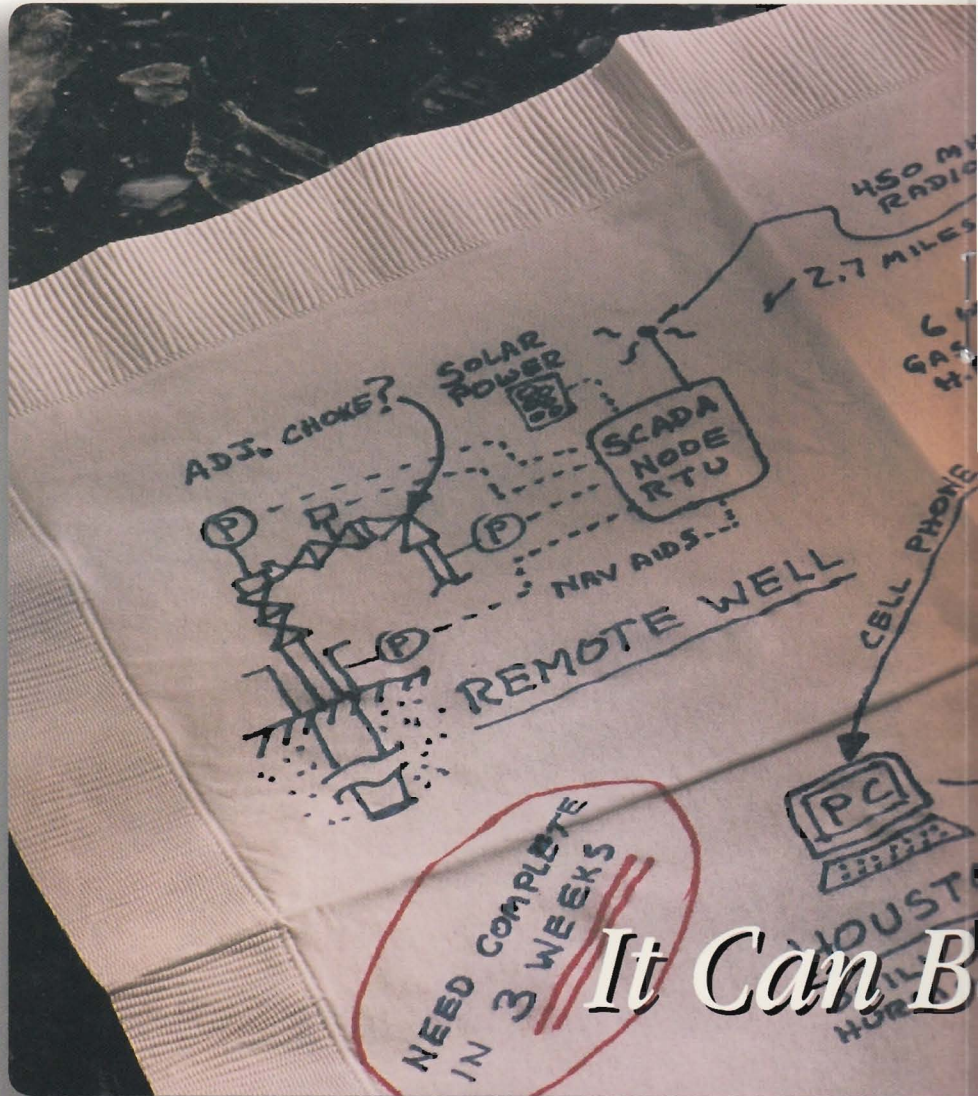
TEST SCADA provides high-yield information every minute of the day.

THE INFORMATION GETS TO YOU EVEN

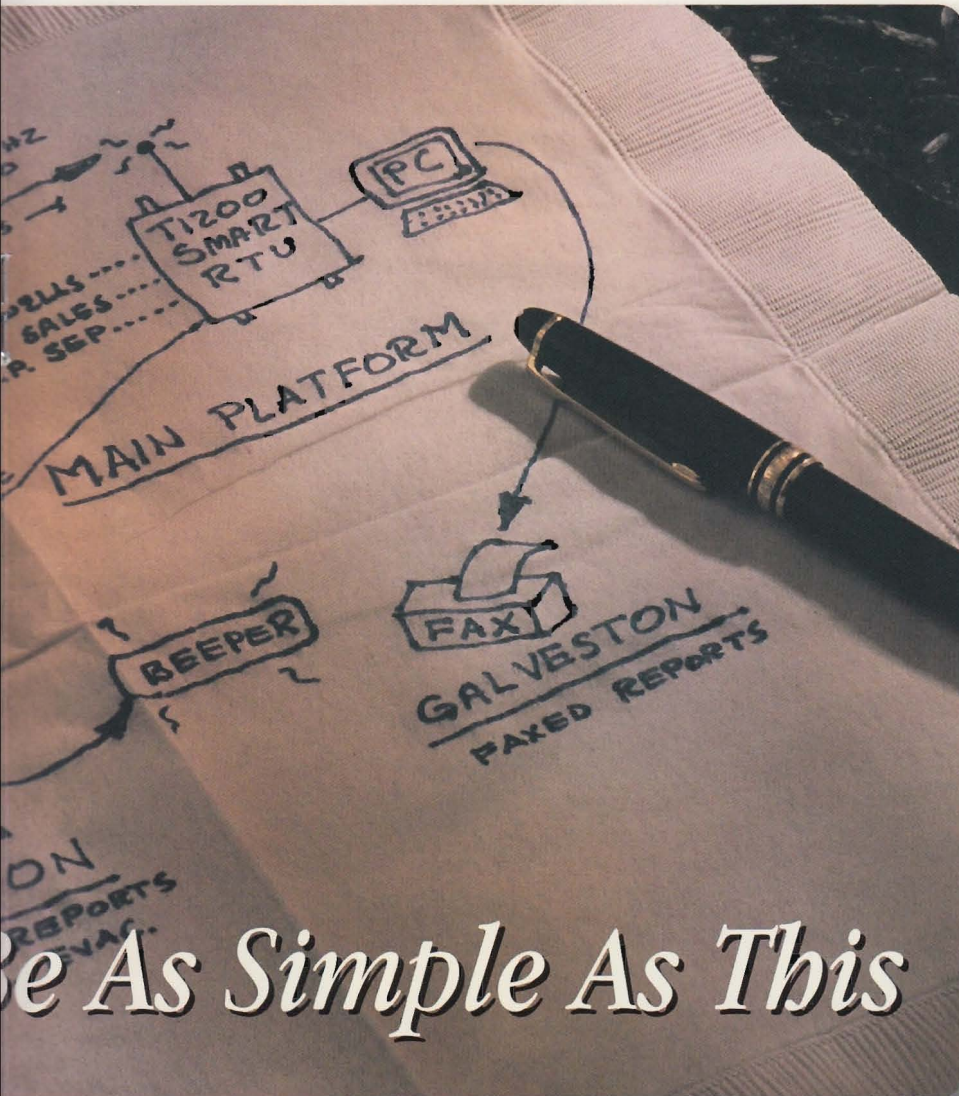


WHEN YOU CAN'T GET TO THE INFORMATION.

TEST SCADA communications start with people, not electronic gizmos. You'll tell us how you want to increase production and decrease operating costs. We'll explain how producers like yourself are already benefitting from TEST SCADA. TEST is an oilfield service company, not a general purpose electronics manufacturer, so we'll talk about your objectives in terms familiar to you. We understand your business. We have hundreds of TEST technicians working in the oilfields right now, all over the world. TEST has all the resources necessary to complete your SCADA project, eliminating the need for additional consultants, installation contractors, communications people, or programmers. You will be pleased how quickly we can handle all the little details like pneumatic interfaces, FCC licenses, and MMS permits – details that other suppliers have never even heard of. We aren't afraid to go out in the field, grab some tools, and get our hands dirty. For more than 20 years, we've been there. We're there now.



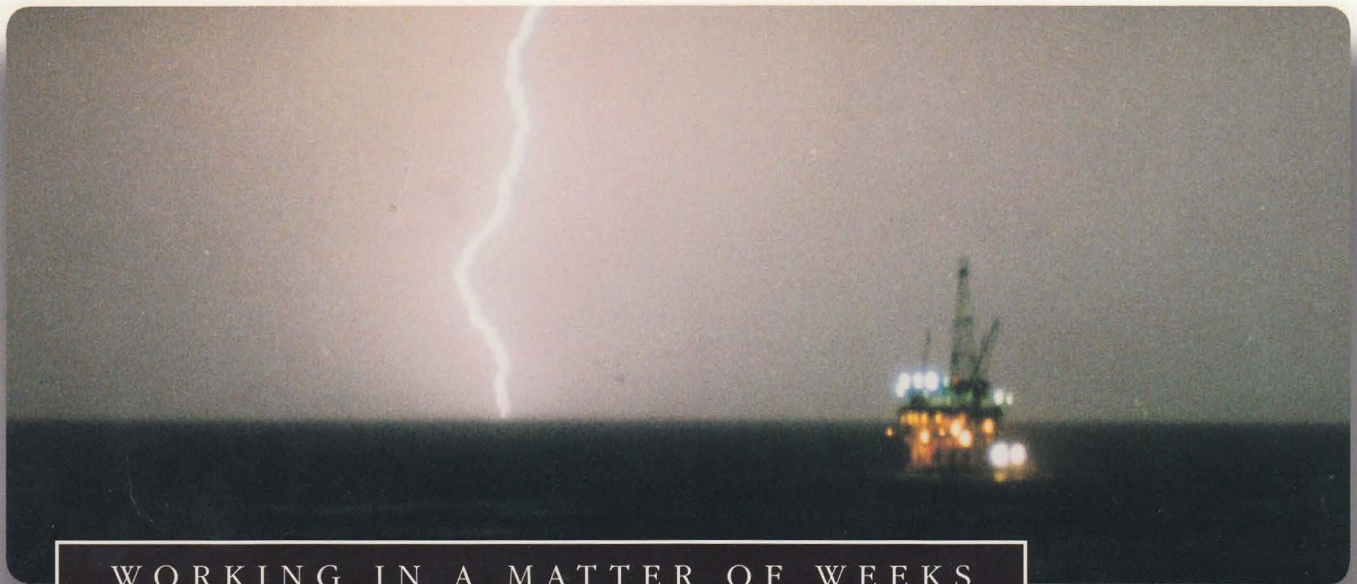
MAPPED OUT IN A SINGLE MEETING



Be As Simple As This

Few investments pay out quicker than a TEST SCADA System. Some customers have justified TEST SCADA by the elimination of *only two* helicopter flights per week, or with the ability to control a satellite well *just once* during marginal weather. The cost of an entire system may be recovered with the detection of *only one* sales meter error. And with TEST SCADA's real-time reporting features, costly nomination penalties can be avoided. Precise monitoring and control of expensive injection fluids is another way TEST SCADA helps you keep more of what you earn. And your people will appreciate TEST's use of industry standard components, eliminating dependence on costly proprietary hardware and software. You won't be taking chances on technical support either. TEST is an established oilfield service company, there to help you now, and in the future.

TEST SCADA — a low-risk investment that makes sense, good business sense.



WORKING IN A MATTER OF WEEKS

Valuable Experience

TEST Has The

When the oilfield says, "Send out a TEST Hand," it's calling for the most experienced control and automation professionals in the business. We've been at it since 1970, when Federal Regulations first demanded safe and environmentally conscious oilfield operations.

TEST's involvement in compliance naturally led to the development of innovative pneumatic and electrical control systems to meet the needs of the oilfield. We now provide engineering, technical services, and fabrication for oil and gas customers. At this moment, there are hundreds of TEST Hands working around the world — providing products and services for production, measurement, safety, compression, shipping, pipelines and storage.

TEST is an integral part of the oilfield. The experience and knowledge gained from designing, fabricating, and servicing thousands of control systems goes into every TEST SCADA system. SCADA technology should serve your oil and gas business, not the other way around. That belief shows in our "makes sense" approach to your SCADA system.

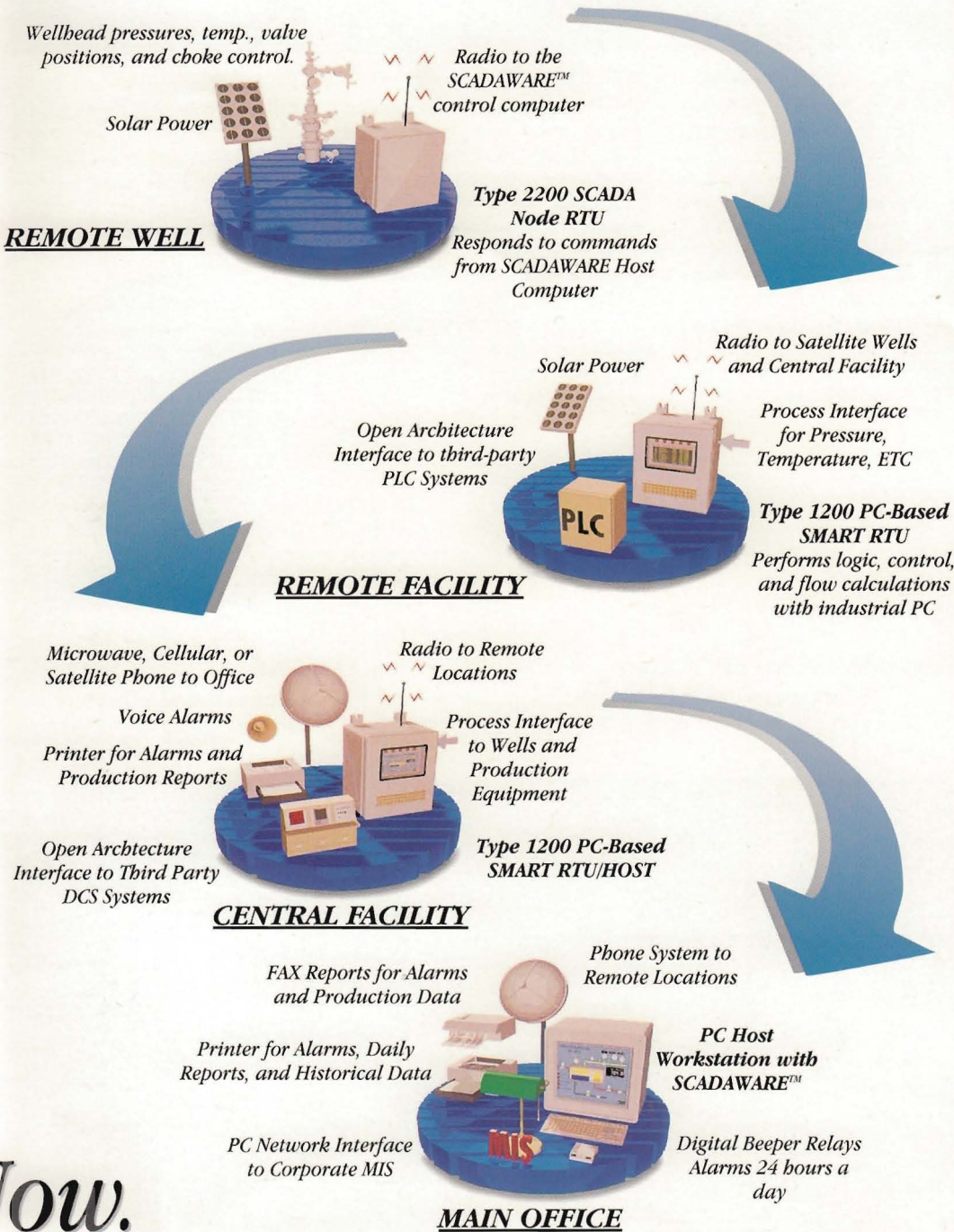
TEST is part of ENTERRA Corp. (NYSE: EN), one of the largest oilfield service companies in the world.



*Decades of
Experience and
Advanced Thinking
Gives You
Technology that
"Makes Sense."*

Working Right

Experience To Handle Your Oilfield Applications.



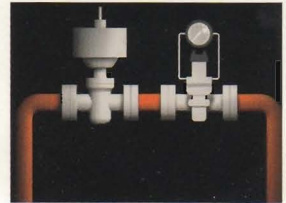
ONSHORE PRODUCTION

- Production Management
- Pump-off Control
- Utility Monitoring
- Process Alarms



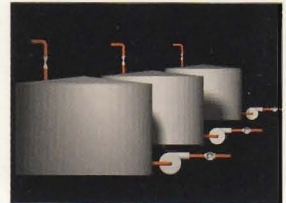
OFFSHORE PRODUCTION

- Facility Monitoring & Control
- Remote Well Management
- Flow Metering
- Daily Reports



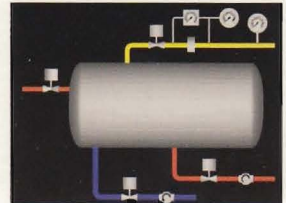
PIPELINES

- AGA-3 Gas Measurement
- Leak Detection
- Valve Control
- Gas Analysis



STORAGE FACILITIES

- Level Measurement & Control
- Custody Transfer
- Manifold Monitor & Sequence
- Pump Control & Alarms



PROCESS CONTROL

- MMI (Man-Machine Interfaces)
- Liquid and Gas Measurement
- Digital Logic & Analog Loops



PLC/DCS SYSTEMS

- Open Architecture Integration of RTU, PLC, and DCS Subsystems

Now.

TEST SCADAWARE



Type 1200 - Smart RTU

A powerful PC-based SCADAWARE RTU available in a variety of processing and packaging configurations. Built entirely with industry-standard, non-proprietary components. Typical units include a 486 processor, 16 Status In, 8 Status Out, 15 Analog In, and 3 High-speed Pulse Inputs with low-cost expansion to hundreds of I/O points. Operator interface options include CRT, LCD, and hand-held terminal units. Standard features include AGA-3 Gas Flow, PID Control, extensive communications capability, multiple simultaneous protocols, Open Architecture support, and extensive on-board diagnostics. Fully solar power compatible.



Type 2200 - SCADA Node RTU

A compact, low-power RTU with 8 Status In, 8 Status Out, 8 Analog In, and 2 Analog Out. Communicates over phone, radio, or wire in either TSP or Modbus RTU Protocol. Supports call-on-exception, pulsed outputs, and Hurricane Evacuation Timer. Multiple SCADA Node units can share a single communications device for remote multi-drop operations. Can be used as a stand-alone unit or as a satellite device in a larger distributed I/O system. Fully self contained and solar power compatible.



TEST SCADAWARE

TEST's own multi-tasking, object-oriented SCADA software for PC-based RTU and Host workstations. SCADAWARE is written entirely in-house for performance and reliability in real-world oilfield applications. Provides displays, reports, alarming, data logging and trending, and high-resolution graphical interface options. Supports Open Architecture with a variety of protocols including TSP, Modbus, Fisher-ROC, Allen Bradley, and others. Advanced options include FAX reporting, voice alarming, and digital beeper signalling.



TEST FABRICATION

TEST can provide complete design and build services to custom fabricate units to meet stringent customer specifications. This SCADA Node RTU was packaged for well-head control as a Single Point Lift, complete with pneumatic panel, solar panel, and battery box.



TEST SCADAWARE™
Working Right Now

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