



Data Technology Services, Inc.

OKC Products[®]

LinkMate[™] Net



Your source for web-based
well monitoring and control.

LINKMATE™ NET

REMOTE WELL CONTROLLER MANAGEMENT SOLUTION

Data Technology Services, Inc. (DTSI) and OKC Products, Inc. (OKC) are proud to announce the release of LinkMate™ Net. LinkMate™ Net is a web-based software application that enables users to remotely monitor and manage wells from any computer with an Internet connection. The application is used in conjunction with the OKC Products, Inc. PumpMate wellhead controllers.

LinkMate™ Net provides highly secure, instant access to wellhead controllers, provides detailed real-time data logs and status reports, and allows for remote adjustment to field equipment. This end-to-end system improves efficiency and productivity for both wellheads and field personnel by enabling management of wells from any location worldwide and decreasing the need to travel to individual well locations to collect real-time well data.

LinkMate™ Net resides on servers located at DTSI's data center. There is no software to buy and install. Users are able to utilize the application *via* the Internet without spending money on expensive servers and system support staff required to run the software. DTSI provides the entire infrastructure to enable users to get started with LinkMate™ Net quickly, easily and at a low cost.

LINKMATE™ NET FEATURES

User-friendly control panel display allows users to make equipment adjustments quickly and easily.

New! AeroMate™ Wireless Switch Sensor.
[E-mail](#) or call 800-783-3234 for information.

LinkMate™ Net

PumpMate™ Remote Access and Control
Well Management Reports Logoff

[Return to Well Management](#) * Mouse-click PumpMate panel button for interactive, remote control.

Testunit1-183

Manual Refresh Reload Config Reload Quickset

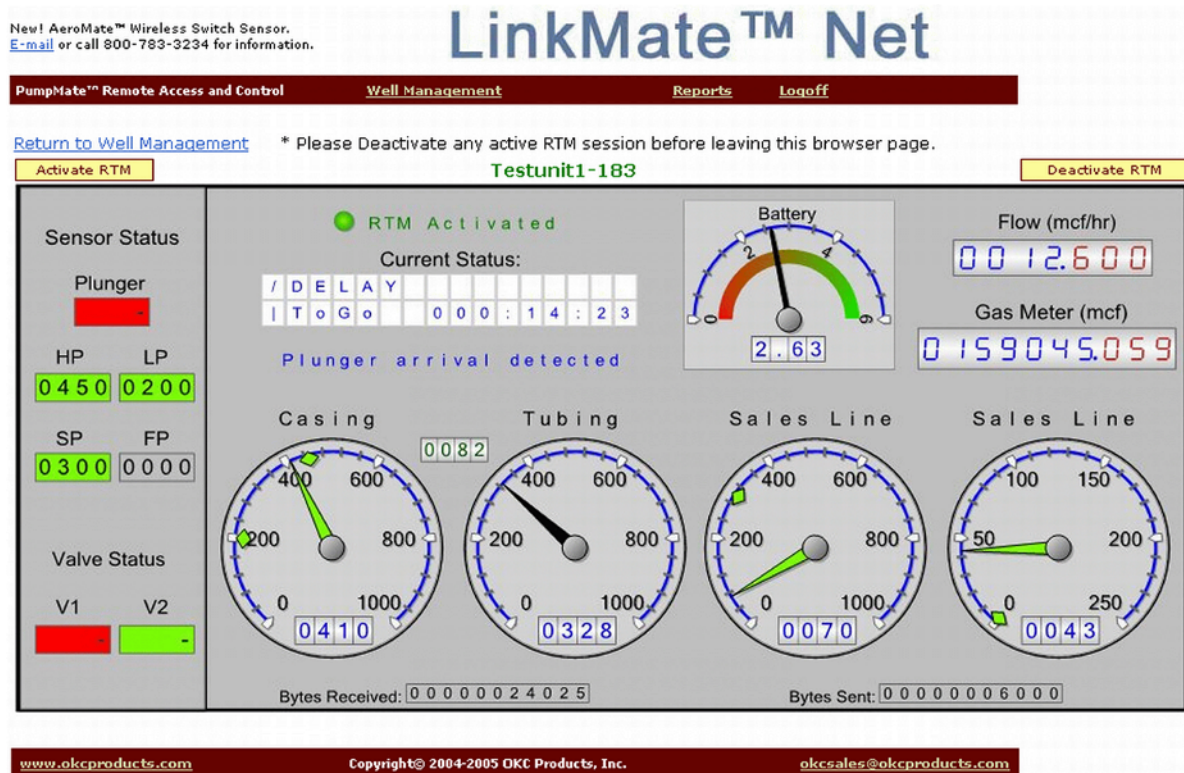
QUICK SET		View Change Report	Update Quick Set
Category	Setting	Current Value	New Value
OFF	Close Time	001:30:00	<input type="text" value="001:30:00"/>
OFF	Fall Time	000:10:00	<input type="text" value="000:10:00"/>
OFF	Bakup Time	000:00:00	<input type="text" value="000:00:00"/>
ON	Open Time	002:30:00	<input type="text" value="002:30:00"/>
ON	Delay Time	000:15:00	<input type="text" value="000:15:00"/>
TANK	Tank Wait Time	000:05:00	<input type="text" value="000:05:00"/>
TANK	Tank On Time	000:10:00	<input type="text" value="000:10:00"/>
SENSOR	SP Set Point	300 psi	<input type="text" value="300"/>
SENSOR	LP Set Point	200 psi	<input type="text" value="200"/>
SENSOR	HP Set Point	450 psi	<input type="text" value="450"/>
SENSOR	Orifice Plate Factor	3.50	<input type="text" value="3.50"/>

Bytes received: 26857 Bytes sent: 6048 Last Communication: 8/4/2005 3:21:10 PM MST

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Real-time monitor display includes sensor gauges, switch and valve status indicators, total gas and flow rate meters, and more.



Production Log, Event Log, Data Log, and Change Log reports are included along with other detailed reports.



New! AeroMate™ Wireless Switch Sensor.
E-mail or call 800-783-3234 for information.

LinkMate™ Net

PumpMate™ Remote Access and Control	Organization Management User Management Well Management	Add Organization Add User Add Well	Reports	Logoff
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Event Log Report

Well	Time	Event	Sales	Tank	Pgr	HP	LP	SP	HP psi	LP psi	HL psid	SP psi	FP InW
Knobhill 2-5H	7/24/2005 6:46:51 AM	OPEN	on	off	open	open	open	open	286	278	8	17	75
Knobhill 2-5H	7/24/2005 7:00:28 AM	DELAY	on	off	closed	open	open	open	239	66	173	41	48
Knobhill 2-5H	7/24/2005 7:17:27 AM	CLOSE	off	off	open	open	open	open	215	28	187	27	0
Knobhill 2-5H	7/24/2005 9:43:25 AM	OPEN	on	off	open	open	open	open	286	280	6	17	75
Knobhill 2-5H	7/24/2005 10:01:42 AM	DELAY	on	off	closed	open	open	open	239	66	173	41	48
Knobhill 2-5H	7/24/2005 10:16:27 AM	CLOSE	off	off	open	open	open	open	215	29	186	27	0
Knobhill 2-5H	7/24/2005 12:46:50 PM	OPEN	on	off	open	open	open	open	286	278	8	17	75
Knobhill 2-5H	7/24/2005 1:00:25 PM	DELAY	on	off	closed	open	open	open	239	66	173	41	48
Knobhill 2-5H	7/24/2005 1:18:27 PM	CLOSE	off	off	open	open	open	open	215	28	187	27	0
Knobhill 2-5H	7/24/2005 4:45:45 PM	OPEN	on	off	open	open	open	open	286	278	8	17	75
Knobhill 2-5H	7/24/2005 5:00:23 PM	DELAY	on	off	closed	open	open	open	239	66	173	41	48
Knobhill 2-5H	7/24/2005 5:18:46 PM	CLOSE	off	off	open	open	open	open	215	28	187	27	0
Knobhill 2-5H	7/24/2005 6:24:53 PM	OPEN	on	off	open	open	open	open	286	278	8	17	75
Knobhill 2-5H	7/24/2005 6:39:28 PM	DELAY	on	off	closed	open	open	open	239	66	173	41	48
Knobhill 2-5H	7/24/2005 6:58:43 PM	CLOSE	off	off	open	open	open	open	215	28	187	27	0
Knobhill 2-5H	7/24/2005 7:05:25 PM	OPEN	on	off	open	open	open	open	286	278	8	17	75
Knobhill 2-5H	7/24/2005 7:15:18 PM	DELAY	on	off	closed	open	open	open	239	66	173	41	48
Knobhill 2-5H	7/24/2005 7:32:51 PM	CLOSE	off	off	open	open	open	open	215	28	187	27	0
Knobhill 2-5H	7/24/2005 8:45:50 PM	OPEN	on	off	open	open	open	open	286	278	8	17	75
Knobhill 2-5H	7/24/2005 9:01:15 PM	DELAY	on	off	closed	open	open	open	239	66	173	41	48
Knobhill 2-5H	7/24/2005 9:18:44 PM	CLOSE	off	off	open	open	open	open	215	28	187	27	0
Knobhill 2-5H	7/24/2005 10:22:35 PM	OPEN	on	off	open	open	open	open	286	278	8	17	75
Knobhill 2-5H	7/24/2005 10:37:42 PM	DELAY	on	off	closed	open	open	open	239	66	173	41	48
Knobhill 2-5H	7/24/2005 10:54:27 PM	CLOSE	off	off	open	open	open	open	215	28	187	27	0
Knobhill 2-5H	7/24/2005 11:05:18 PM	OPEN	on	off	open	open	open	open	286	278	8	17	75
Knobhill 2-5H	7/24/2005 11:46:51 PM	DELAY	on	off	closed	open	open	open	239	66	173	41	48

New! AeroMate™ Wireless Switch Sensor.
E-mail or call 800-783-3234 for information.

LinkMate™ Net

PumpMate™ Remote Access and Control	Organization Management User Management Well Management	Add Organization Add User Add Well	Reports	Logoff
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Data Log Report

Well	Time	Cycle	Sales	Tank	Pgr	HP	LP	SP	HP psi	LP psi	HL psid	SP psi	FP InW
Knobhill 2-5H	7/24/2005 4:54:16 PM	CLOSE	off	off	open	open	open	open	222	205	17	17	0
Knobhill 2-5H	7/24/2005 4:59:15 PM	CLOSE	off	off	open	open	open	open	227	211	16	17	0
Knobhill 2-5H	7/24/2005 5:04:15 PM	CLOSE	off	off	open	open	open	open	230	218	12	15	0
Knobhill 2-5H	7/24/2005 5:09:15 PM	CLOSE	off	off	open	open	open	open	234	224	10	16	0
Knobhill 2-5H	7/24/2005 5:14:15 PM	CLOSE	off	off	open	open	open	open	237	228	9	15	0
Knobhill 2-5H	7/24/2005 5:19:15 PM	CLOSE	off	off	open	open	open	open	241	233	8	16	0
Knobhill 2-5H	7/24/2005 5:24:15 PM	CLOSE	off	off	open	open	open	open	242	236	6	18	0
Knobhill 2-5H	7/24/2005 5:29:15 PM	CLOSE	off	off	open	open	open	open	247	241	6	17	0
Knobhill 2-5H	7/24/2005 5:34:15 PM	CLOSE	off	off	open	open	open	open	250	247	3	16	0
Knobhill 2-5H	7/24/2005 5:39:15 PM	CLOSE	off	off	open	open	open	open	253	249	4	15	0
Knobhill 2-5H	7/24/2005 5:44:15 PM	CLOSE	off	off	open	open	open	open	256	249	7	17	0
Knobhill 2-5H	7/24/2005 5:49:15 PM	CLOSE	off	off	open	open	open	open	259	254	5	15	0
Knobhill 2-5H	7/24/2005 5:54:15 PM	CLOSE	off	off	open	open	open	open	261	257	4	17	0
Knobhill 2-5H	7/24/2005 5:59:15 PM	CLOSE	off	off	open	open	open	open	263	259	4	17	0
Knobhill 2-5H	7/24/2005 6:04:15 PM	CLOSE	off	off	open	open	open	open	268	261	7	17	0
Knobhill 2-5H	7/24/2005 6:09:15 PM	CLOSE	off	off	open	open	open	open	270	264	6	14	0
Knobhill 2-5H	7/24/2005 6:14:15 PM	CLOSE	off	off	open	open	open	open	272	266	6	16	0
Knobhill 2-5H	7/24/2005 6:19:15 PM	CLOSE	off	off	open	open	open	open	274	268	6	16	0
Knobhill 2-5H	7/24/2005 6:24:14 PM	CLOSE	off	off	open	open	open	open	277	270	7	17	0
Knobhill 2-5H	7/24/2005 6:29:14 PM	CLOSE	off	off	open	open	open	open	278	272	6	17	0
Knobhill 2-5H	7/24/2005 6:34:14 PM	CLOSE	off	off	open	open	open	open	282	275	7	15	0
Knobhill 2-5H	7/24/2005 6:39:14 PM	CLOSE	off	off	open	open	open	open	285	279	6	17	0
Knobhill 2-5H	7/24/2005 6:44:14 PM	CLOSE	off	off	open	open	open	open	287	278	9	16	0
Knobhill 2-5H	7/24/2005 6:49:14 PM	OPEN	on	off	open	open	open	open	283	123	160	69	73
Knobhill 2-5H	7/24/2005 6:54:14 PM	OPEN	on	off	open	open	open	open	262	72	190	53	64
Knobhill 2-5H	7/24/2005 6:59:14 PM	OPEN	on	off	open	open	open	open	243	40	203	35	55

Administration screens allow authorized users to add new wells, add new system users, and manage all other administrative tasks.

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LinkMate™ Net

PumpMate™ Remote Access and Control
Reports Logoff

Organization Management
User Management
Well Management
Add Organization
Add User
Add Well

Well Management

Show All Wells
Add Well

Sort by: Status Asc Desc

Company Name contains

Field Name contains
Search Wells

Well Name contains

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Company Name	Field Name	Well Name	Status	Data Used	Data Est.	RAP	RTM	Logs	Data	Changes
OKC Products, Inc.	Bell Creek	Discovery	✓	0%	9%	RTM	RTM	RTM	RTM	RTM
OKC Products, Inc.	Highland Mesa	UP Tract 4	✓	1%	23%	RTM	RTM	RTM	RTM	RTM
OKC Products, Inc.	Turkey Basin	Cornely Ranch	✓	0%	1%	RTM	RTM	RTM	RTM	RTM
OKC Products, Inc.	Paradox Wash	PW-102	✓	0%	6%	RTM	RTM	RTM	RTM	RTM
OKC Products, Inc.	Sweet Home	T4172WS15-02	✓	0%	2%	RTM	RTM	RTM	RTM	RTM

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LINKMATE™ NET ADVANTAGES

LinkMate™ Net has many advantages over “traditional” remote well control software. Traditional solutions usually require software to be purchased and then deployed, maintained, and upgraded on local workstations. Data logging, device monitoring, or system control is limited to those individuals with access to the individual workstation. Data is not readily distributed or maintained with these isolated machines and end users often need additional copies of the software for contingencies and for distribution of collected data.

LinkMate™ Net is web-based, so there is no software to purchase. All authorized users access their LinkMate™ Net account from any computer connected to the Internet rather than from a single fixed workstation.

- *Real-time access* – LinkMate™ Net allows users access to wells 24 hours-a-day to view or change well operation in real-time.
- *Data Collection* – PumpMate log files are automatically downloaded and stored in a central database for use in reporting and for data analysis.

- *Reporting* – LinkMate™ Net provides comprehensive daily exception and management reports. Users can create, view, and export report results in HTML, Microsoft Excel, Microsoft Word, or an Adobe PDF format.
- *Infrastructure provided* – DTSI provides the data center, network, communication infrastructure, database servers, and application servers. The use of this extensive infrastructure relieves clients from the capital investment necessary to establish such facilities.
- *Flexible and Scalable* – LinkMate™ Net is an industrial strength application that can handle any size organization or any number of wells.
- *Quick deployment* – LinkMate™ Net deploys quickly and at a fraction of the cost of other solutions. OKC Products PumpMate™ controllers and communications equipment are pre-configured and ready for user installation.
- *Cost-effective alternative to SCADA systems* – LinkMate™ Net utilizes modern technologies such as cellular, wireless, and satellite networks to provide a very cost effective alternative to traditional SCADA systems.
- *Security* – LinkMate™ Net is a highly secure application that utilizes encryption, secure password authentication, and allows for different levels of user access rights. Only users with the appropriate level of user rights are allowed to access or make changes to the wells. All changes made to the wells are recorded for review and system auditing. In addition, the LinkMate™ Net platform and all system information are housed in a secure data center.
- *Eliminates the need for IT support staff* – Support to maintain and upgrade IT infrastructure is no longer needed. DTSI provides all IT resources required for the application.

LINKMATE™ NET REQUIRED FIELD EQUIPMENT

The LinkMate™ Net web application is used in conjunction with OKC Products, Inc. PumpMate[†] wellhead controllers. New PumpMate controllers are ready for use with LinkMate™ Net and older PumpMate controllers can easily be upgraded to LinkMate™ Net compatibility.

Below is a list of components that are required to use LinkMate™ Net.

- < PumpMate 2000[†] control panel with firmware version 4.5 or higher.
- < DataMate™ communications interface and data logger.
- < CommMate™ communication system enclosure and power system.
- < Airlink Raven digital cellular modem (housed in the CommMate™).

[†]OKC Products, Inc. offers upgrades for older versions of the PumpMate wellhead controller to ensure LinkMate™ Net compatibility.

ABOUT DTSI

In early 2004, OKC Products, Inc. and Data Technology Services, Inc. (DTSI) began collaborating on the LinkMate™ Net project to provide an industrial strength web-based software application to enable remote monitoring and management of wells that utilize the OKC Products, Inc. line of equipment. This collaboration has resulted in the very successful launch of LinkMate™ Net. DTSI and OKC Products, Inc. continue to work closely to provide additional, highly effective, low-cost solutions for the oil and gas industry.

For more information on LinkMate™ Net or to schedule a demonstration, please contact:

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