



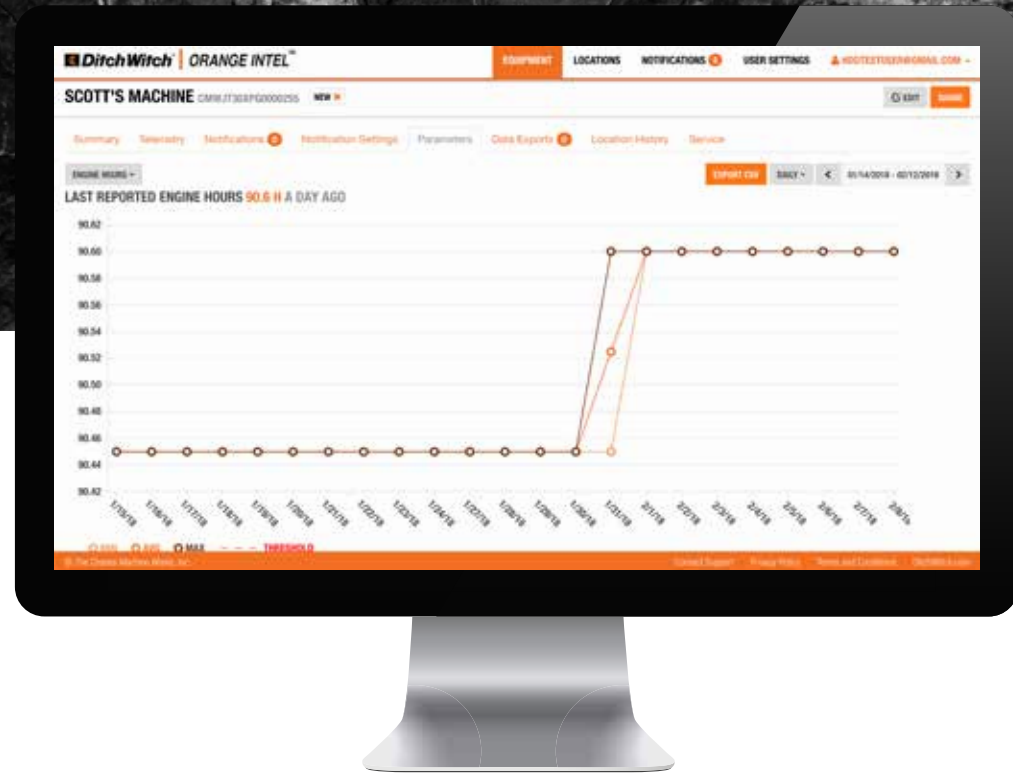
ORANGE

FLEET MANAGEMENT SYSTEM

INTEL™



GET THE INFO YOU NEED TO WORK SMARTER.



Orange Intel™, available on select Ditch Witch® equipment, is the best way to gather and manage up-to-date information on your fleet. This invaluable management tool offers insights into productivity, efficiency and more, allowing you to make better informed business decisions for more profitable operations.

TO START UTILIZING TODAY, GO TO WWW.ORANGEINTEL.COM

MANAGE YOUR FLEET

Orange Intel delivers vital data on your equipment, keeping your fleet more productive on the jobsite and helping you make better business decisions.

UNDERSTAND PRODUCTIVITY

Information from Orange Intel helps you track productivity, so you can better plan your workload and estimate hours for new jobs.

PLAN MAINTENANCE

Tracking of machine hours allows you to schedule planned maintenance, so you can keep your machines running efficiently and productively job after job.

TROUBLESHOOT

Orange Intel telematics provide valuable diagnostic information to you and your Ditch Witch dealer so you can minimize downtime and increase productivity.

REDUCE THEFT

Geo-fencing, battery voltage and operations alerts help you keep tabs on your valuable assets.

MONITOR COSTS

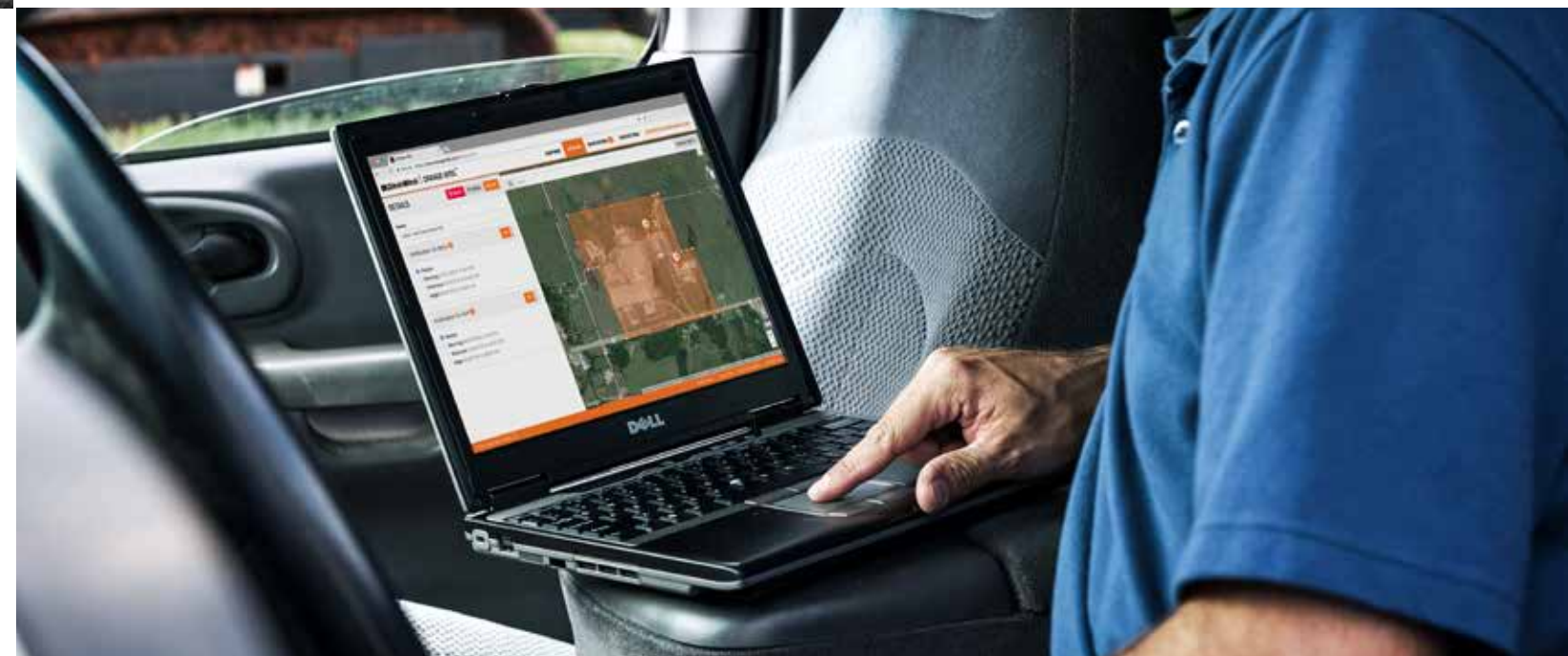
Orange Intel's comprehensive reporting lets you track machine productivity, including working and idle hours, so you get the most out of your machine.

STAY CONNECTED

Data on every machine in your fleet is available 24/7 on your computer, tablet and smartphone. Anytime. Anywhere.

COST SAVINGS

Orange Intel helps you save time and money with route optimization, downtime prevention, fuel savings and a 15-20% insurance discount.



TWO YEARS COMPLIMENTARY

Ask your dealer about your two complimentary years of Orange Intel, included on select Ditch Witch equipment.

QUICK REFERENCE GUIDE

ORANGE INTEL™ FEATURES



1 LOGIN

Go to www.orangeintel.com and log in using the email address and password associated with your machines.



2 EQUIPMENT HOMEPAGE

Information you will find:

- List of equipment
- Quick overview of where the machines are located
- Filters to apply to narrow your machine list
- The ability to add tags to machine for quick lookup



3 EQUIPMENT DETAILS

Information you will find:

- Map location of machine
- Dealership contact information
- Operating parameters of the machine
- When Orange Intel service was activated and will expire



4 LOCATIONS TAB

Using the location tab at the top, you can establish geo-fences (virtual barriers that will notify you upon machine entrance and exit). These are ideal for jobsites and equipment yards.



5 NOTIFICATIONS TAB

Using the notifications tab at the top, you can view all notifications from any machine, such as low fuel level or when the machine enters/exits a geo-fenced area.

RIDE ON TRENCHERS



		RT45	RT80	RT105	RT125	RT125Q
LOCATION	Telematics	√(t)		√	√	√
	GPS	√(t)	Optional			
TRENCHER OPERATION	Ground Drive Forward Percent			(Dig mode only) √	√	√
	Ground Drive Reverse Percent			(Dig mode only) √	√	√
PRODUCTIVITY	Calculated Work Hours/PTO Hours	√	√	√	√	√
	Calculated Ignition Hours	√	√	√	√	√
	Ignition Switch Status	√	√	√	√	√
ENGINE HEALTH	Engine Total Hours	√(t)		√	√	√
	Fuel Level			√	√	√
	Engine RPM	√(t)		√	√	√
	Engine Fuel Rate	√(t)		√	√	√
	Engine Percent Load	√(t)		√	√	√
	Engine Oil Pressure	√(t)		√	√	√
	Engine Coolant Temperature	√(t)		√	√	√
MACHINE HEALTH	Machine Battery Voltage	√	√	√	√	√
	Aftertreatment System Health			√	√	√
DIAGNOSTICS	Engine ECU	√(t)		√	√	√
	Cab/Console Controller			√	√	√
	Chassis Controller			√	√	√
	Backfill Blade Controller			√	√	√

(t) = Requires Telematics Option.

Note: This document applies to HRCs only.





DIRECTIONAL DRILLS



		JT10	JT20	JT24	JT25	JT30	JT40	JT60	JT100
LOCATION	Telematics	Optional	✓	✓	✓	✓	✓	✓	✓
	GPS	Optional							
HDD OPERATION	Inner Rotation RPM (AT Only)					✓	✓	✓	✓
	Outer Rotation RPM		✓	✓	✓	✓	✓	✓	
	Drill Fluid Flow Rate		✓	✓	✓	✓	✓	✓	✓
	Inner Rotation Pressure						✓ AT Only		
	Outer Rotation Pressure			✓			✓		
	Thrust Pressure			✓			✓		
	JT/AT Rock/AT Dirt Mode Switches						✓ AT Only		
	DWA Pressure			✓			✓		
	Inner Rotation Hours						✓		
	Outer Rotation Hours			✓			✓		
	Wireline ROM Switch (if equipped)						✓		
	Total Pipes Drilled			✓			✓		
	Distance Drilled			✓			✓		
	Machine Mode Drill/Drive		✓	✓	✓	✓	✓	✓	✓
PRODUCTIVITY	Calculated Work Hours/PTO Hours	✓	✓	✓	✓	✓	✓	✓	✓
	Calculated Ignition Hours	✓	✓	✓	✓	✓	✓	✓	✓
	Ignition Switch Status	✓	✓	✓	✓	✓	✓	✓	✓
ENGINE HEALTH	Engine Total Hours	✓ (t)	✓	✓	✓	✓	✓	✓	✓
	Fuel Level	✓ (t)	✓	✓	✓	✓	✓	✓	✓
	Engine RPM	✓ (t)	✓	✓	✓	✓	✓	✓	✓
	Engine Fuel Rate	✓ (t)	✓	✓	✓	✓	✓	✓	✓
	Engine Percent Load	✓ (t)	✓	✓	✓	✓	✓	✓	✓
	Engine Oil Pressure	✓ (t)	✓	✓	✓	✓	✓	✓	✓
	Engine Coolant Temperature	✓ (t)	✓	✓	✓	✓	✓	✓	✓
MACHINE HEALTH	Ambient Air Temperature	✓ (t)	✓	✓	✓	✓	✓	✓	✓
	Machine Battery Voltage	✓	✓	✓	✓	✓	✓	✓	✓
	Hydraulic Oil Temperature			✓			✓		
	Aftertreatment System Health			✓	✓	✓	✓	✓	✓

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DIRECTIONAL DRILLS



		JT10	JT20	JT24	JT25	JT30	JT40	JT60	JT100
DIAGNOSTICS	Engine ECU	✓ (t)	✓	✓	✓	✓	✓	✓	✓
	Main Controller	✓ (t)	✓	✓	✓	✓	✓	✓	✓
	Pipe Controller			✓		✓	✓		
	Wireless Ground Drive Controller		✓	✓	✓	✓	✓	✓	✓
	Tether Controller				✓				
	Tracker/CAN Bridge		✓	✓	✓	✓	✓	✓	✓
	Supervisor Controller			✓			✓		
	Cab/Console Controller			✓			✓		
MAINTENANCE REMINDERS	Engine Oil Filter Hours			✓			✓		
	Hydraulic Oil Hours			✓			✓		
	Hydraulic Oil Filter Hours			✓			✓		
	Total Outer Rotation Hours			✓			✓		
	Total Inner Rotation Hours (AT Only)						✓		
	Total Drill Fluid Hours			✓			✓		
	Total Distance Drilled			✓			✓		

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STAND-ON SKID STEERS



		SK600	SK800	SK1050	SK1550	SK3000
LOCATION	Telematics			Optional	Optional	Optional
	GPS	Optional	Optional	Optional	Optional	Optional
PRODUCTIVITY	Calculated Work Hours/PTO Hours	✓	✓	✓	✓	✓
	Calculated Ignition Hours	✓	✓	✓	✓	✓
	Ignition Switch Status	✓	✓	✓	✓	✓
ENGINE HEALTH	Engine Total Hours			✓ (t)	✓ (t)	✓ (t)
	Total Fuel Used					✓ (t)
	Idle Fuel Used					✓ (t)
	Fuel Level			✓ (t)	✓ (t)	✓ (t)
	Engine RPM			✓ (t)	✓ (t)	✓ (t)
	Engine Fuel Rate			✓ (t)	✓ (t)	✓ (t)
	Engine Percent Load			✓ (t)	✓ (t)	✓ (t)
	Engine Oil Pressure			✓ (t)	✓ (t)	✓ (t)
MACHINE HEALTH	Engine Coolant Temperature			✓ (t)	✓ (t)	✓ (t)
	Ambient Air Temperature			✓ (t)	✓ (t)	✓ (t)
	Machine Battery Voltage	✓	✓	✓	✓	✓
MAINTENANCE REMINDERS	Aftertreatment System Health			✓ (t)	✓ (t)	✓ (t)
	Engine Oil					✓ (t)
	Engine Oil Filter					✓ (t)
	Hydraulic Fluid					✓ (t)
	Hydraulic Fluid Filter					✓ (t)
	Fuel Filter					✓ (t)
	Fuel Water Separator					✓ (t)
DIAGNOSTICS	Engine Coolant					✓ (t)
DIAGNOSTICS	Engine ECU			✓ (t)	✓ (t)	✓ (t)

VACUUM EXCAVATORS



		HX30	HX30G	HX50	HX75
LOCATION	Telematics			Optional	Optional
	GPS	Optional		Optional	Optional
VAC OPERATION	Wash Wand Status			✓ (t)	✓ (t)
	Wash Wand Pressure			✓ (t)	✓ (t)
PRODUCTIVITY	Calculated Work Hours/PTO Hours	✓		✓	✓
	Calculated Ignition Hours	✓		✓	✓
	Ignition Switch Status	✓		✓	✓
ENGINE HEALTH	Engine Total Hours			✓ (t)	✓ (t)
	Fuel Level			✓ (t)	✓ (t)
	Engine RPM			✓ (t)	✓ (t)
	Engine Fuel Rate			✓ (t)	✓ (t)
	Engine Percent Load			✓ (t)	✓ (t)
	Engine Oil Pressure			✓ (t)	✓ (t)
	Engine Coolant Temperature			✓ (t)	✓ (t)
	Engine Fuel Temperature			✓ (t)	✓ (t)
MACHINE HEALTH	Lifetime Total Fuel Used			✓ (t)	✓ (t)
	Ambient Air Temperature			✓ (t)	✓ (t)
	Machine Battery Voltage	✓		✓	✓
DIAGNOSTICS	Aftertreatment System Health			✓	✓
DIAGNOSTICS	Engine ECU Diagnostic Messages			✓ (t)	✓ (t)

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