Which half of operations do you manage?



Isn't it time for BOTH?







✓ENGINEERING / IT

Using a single, intuitive spreadsheet-style designer, we can control every aspect (i.e. content, calculations, workflow, communications, presentation etc.) in every worksheet across the organization.



0								
	A	8	c	D	A Properties Sections Roles	V		
11	Plant Identification		<plantid> Equips</plantid>			٨		
12								
13	Additional Plans			Plan #	Form 1. Section 1 Permit Instructions and			
14	Isolation Plan		<isolchic> <isolplan></isolplan></isolchic>		2. Section 2 Hazard Identification at			
15	Confined Space Entry		<conspacechk></conspacechk>	<conspaceplan></conspaceplan>	-21. -22			
16	Critical Lift Plan		<018L8018>	<critlitplan></critlitplan>	-22 -23			
17	Excavation Plan		<excavchir-< td=""><td><excavplan></excavplan></td><td>-24</td><td></td></excavchir-<>	<excavplan></excavplan>	-24			
	18 Gas Tests (Below)		<gastestchk></gastestchk>	<gas7estplan></gas7estplan>	2 Cartina 2s 000			
	Hazard			Control	✓ Sequence and Repeats			
20	<hazard></hazard>		<control></control>					
	Actions in the event of an emer	pency			1886 Ja Section 2 Hazard Iden	tifical		
22	<emergencyactions></emergencyactions>				Violble If A			
	Additional Controls			Control #	Enabled From the start			
	Job Safety Analysis			 JobSafetyCN> 	After previous section	niso		
	Standard Maintenance Procedu	res	<stdwaintchk></stdwaintchk>	<stdwaintcn></stdwaintcn>	After all preceding se	ction		
	Intrinsically Safe Equipment		<safeequipchir></safeequipchir>	<safeequipcn></safeequipcn>	complete			
	Helmet/Boots		<ppehelmetchk></ppehelmetchk>	Hearing Protection	With previous section	ă.		
	Eye Protection		<ppee)echk></ppee)echk>	Signs and Barriers	and if A			
	Gloves		<ppegloveschk></ppegloveschk>	Breathing Protection	Can repeat?			
	Breathing Apparatus		<ppebreathinochk></ppebreathinochk>		· ·	3		

✓ SUPERVISORS

Now I can issue instructions, and see that they are followed precisely. The worksheets collect and filter the important stuff from the units into a single sheet that I can also see on my mobile device.



		(h:mm)	
DR221	Sep 1, 10:00 AM	2:45	High pressure in the flash tank
WR#, WO#	Date	Status	Comments
WO887	Aug 29	Underway	
WR862	Sep 1	Not Started	This is getting quite serious, I need to get some response on this one.
Tag Name	ByPass Time	Approved by	Reason for ByPass
PIC233	Sep 1, 9:37 AM	Clyde Fox	Dicky transmitter. (Called the tech)
TIC233	Sep 1, 1:05 PM	Hardy Teodosio	Seems to be related to the PIC233, possibly a power problem in that area.
Equip tag #	Expect on- line	Responsible	Reason off-line
77-TK-1	Sep 4	Ali Wayan	Major overhaul as a result of stoppages
23-WE-312B	Sep 13	Alec Frank	Waiting for new bearing
Permit #	Area	Responsible	Reason
HP 492	Crude Unit	Alfie Aston	Corrosion problems
Who	Area	Trainer	Comments
V T E F	//0887 //0882 fag Name PIC233 //1C233 Equip tag # /7-TK-1 //3-WE-312B	NO887 Aug 29 VR862 Sep 1 lag Name ByPass Time PIC233 Asp 1, 9.37 ANT IC233 Sep 1, 1.05 PM IC233 Sep 1, 1.05 IC234 Sep 1, 1.05 IC235 Sep 1, 1.0	NOB87

✓ CONTROL ROOM

We now have rich real-time information in our handovers, in our target management, in procedures like start-ups, in permits etc. Not having this data would seriously impact our efficiency, production and safety.



Ingredient	Amount Required	Amount Measured	UOM	Done
TI-401	2000	112.24	Litres	Done City
ST550	300	300.37	Litres	Done 3
Key Measurement F	Points			
Measurement Point	Value Required	Amount Measured	UOM	Done
LIC101	80	52	PSI	Done Skip
FIC100	355	404	Kilolitres	Done Skip
ST550	300	300 37	Kilograms	Done Sig
Special Comments	We had a delay due to a sh. This may have affected the	uck valve (about 15 mins)	Nogario	
	We had a delay due to a st.	uck valve (about 15 mins)	PC:00	PL033 @57550 @TI40

✓ FIELD OPERATIONS

I am now connected to the rest of the team via my mobile and I no longer have to get back to the control room to find out what is going on.



Hezard		Control			Risk	Risk Assest Doc
Rising water		Radio messaging and warning		Medium o	Drop fles here	
Actions in the event of an emergency						
Immediate evacuation						
Additional Controls		Control #	Additional Controls			Control #
Job Safety Analysis Yes No	NA		Line Depressurized, D	Drained, Vented	Wes No 1	IA .
Standard Maintenance Procedures Ves. No.	NIX		Double Blocking		Yes No 2	ia.
Intrinsically Safe Equipment	N/A		MSDS Attached		Yes No 1	EA.
Intrinsically Sate Equipment Yes No						
dd a note or flag				Submit Pe	doming Authority	

	Job Safety Analysis	☑ Yes	☐ No	□ N/A	- 1
ă I	Line Depressurized, Drained, Vented	☑ Yes	□ No	□ N/A	
SVWS	Standard Maintenance Procedures	☑ Yes	□ No	□ N/A	
v)	Double Blocking	☐ Yes	☑ No.	□ N/A	
п	Intrinsically Safe Equipment	☐ Yes	☑ No	□ N/A	

✓ INSPECTION ROUNDS

We've now got complete control of all our inspections. Data entered into the industrial mobile device is synchronized automatically with the enterprise system and OSIsoft PI.



Inspection Rounds Dashboard	
Section Process System Section Process System Sect Time Sept. 0, 2015, 3.00 PM Brd Time Dec 0, 2016, 3.00 PM Metrics	# Failed (Last 4 or more Weeks)
According Acco	ed 140
# Fasted # Fasted # Stopped % Passed 13056 277 0 97.3 0 5000 10000 15000 # Fasted # Fasted 10056 277 0 97.3 0 0 10000 15000 0 0 0 0 0 0 0 0 0	00 40 20 Nov 19, 2015 Nov 23, 2015 Nov 30, 2015
IR Details	10 Worst Actors (# Failed)
Proces Types. Pr	Bur Chart Title

| Country | Coun

LIC101

89.4

89.4



MANAGEMENT \checkmark

Making informed strategic decisions requires validated, data from a huge number of sources presented in a way that we can easily understand.

We can also easily distribute our instructions and make sure they are carried out correctly.





MAINTENANCE AND PRODUCTION

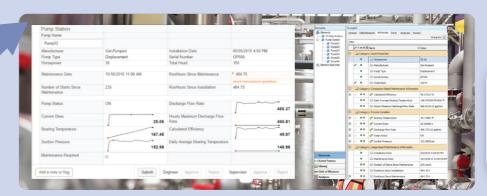
I get to make informed decisions because all the information I need to keep everything working is all collected for me. Work requests from the field, information from SAP PM and permit information as it happens.





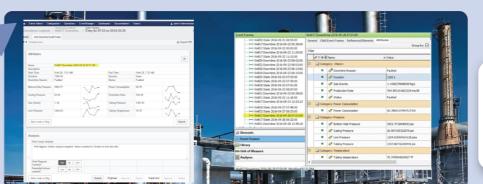
SAFETY √

We now get reliable, validated site information which is key for us to maintain compliance and ensure the safety of our workers and the general public.



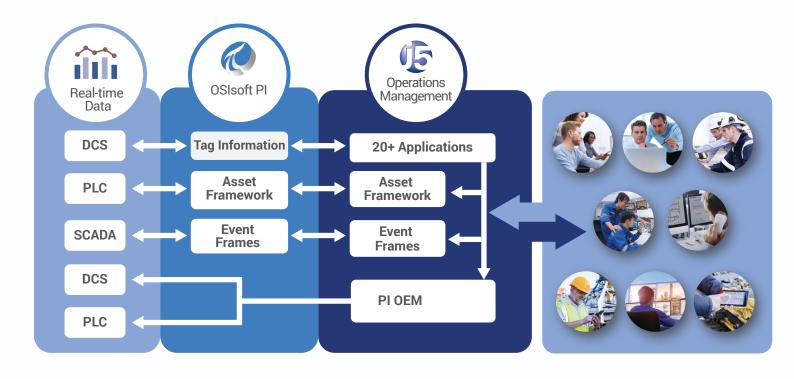
ASSET FRAMEWORK SYNCHRONIZATION

OSIsoft assets appear in their full rich structure in the j5 system so we can add workflow and operations information, making them so much more useful.



EVENT FRAME SYNCHRONIZATION

OSIsoft Event Frames are synchronized into the j5 system so now we can ensure the correct notifications; operations information and procedures are directly tied into each Event Frame.



Thames Water (UK)

The implementation of j5 across the Water Control function has given greater visibility of on-going issues and given us a consistent and accountable handover tool.

JX Nippon Oil & Energy, Kiire Terminal (Japan)

We selected j5 as our standard Kiire Terminal tool for solving our past operations management issues and we are now achieving increased competitiveness.



Contact j5 International (Part of Hexagon) for more information

www.j5int.com sales@j5int.com







