INSITE IT

LMS

Who we are

INSITE IT

- Started 2007 on a construction site in Saudi Arabia
    - Mission: „Fight the paper chaos onsite"

- Since 2012 known as INSITE IT & Insite US

- Experts for Digitalization in Industrial Construction

LMS

- Product and areas of expertise:
    - Logistics
    - Materials
    - Site Management

CIO APPLICATIONS — TOP 25 CONSTRUCTION APPLICATIONS TRANSFORMING BUSINESSES - 2018

CIO Review — 20 MOST PROMISING CONSTRUCTION TECH SOLUTION PROVIDERS - 2018

Facts on INSITE IT

- Started 2007 on a construction site in Saudi Arabia

    Mission: „Fight the paper chaos onsite"

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- Product:
    - Insite LMS

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Reference Customers

~1700 worldwide projects / ~ 6000 users

- **Industries**
  - Metals
  - Energy
  - Chemical
  - Pulp & Paper
  - Mining & Material handling
  - Infrastructure

- **Customers**
  - Technology providers
  - Construction companies
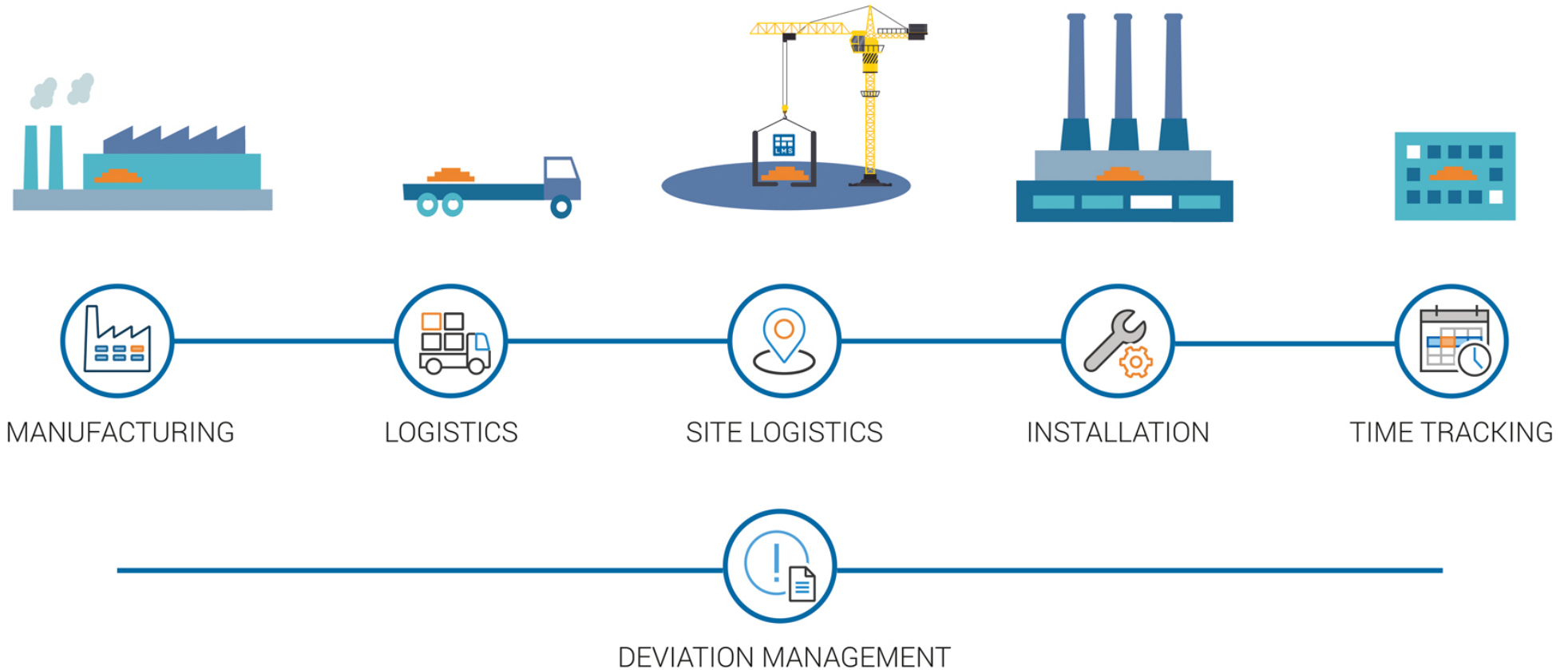 - Operators

- **Project types**
  - Green/Brown field
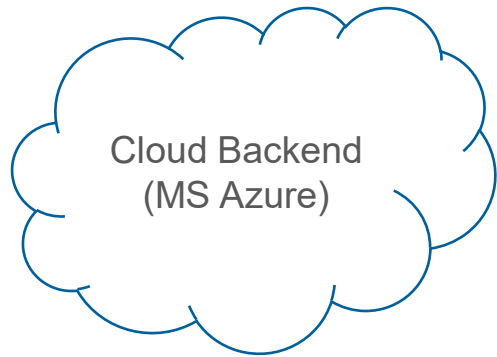 - Revamp
  - Re-assembly

Used around the world

Insite LMS

The site-platform

MANUFACTURING   LOGISTICS   SITE LOGISTICS   INSTALLATION   TIME TRACKING

DEVIATION MANAGEMENT

Insite LMS - Applications

Desktop

This client is the main application of Insite LMS and provides the fullest available functionality. Take advantage of all our modules and powerful features like importing data, data editing, reporting and many more.

Minimum Requirement: Windows 7 and .NET Framework 4.6.1

Web

Insite LMS Web is our offer to integrate your suppliers and freight forwarders in your construction project. No download needed – just login with your browser.

https://Dev.insitelms.net

App

Turn your mobile phone or tablet into a powerful site logistics and supervisor device with our Insite LMS App. Download directly on Apples App Store, Googles Play or for Windows 10.

Minimum Requirement: iOS 10.3, Android 4.4 (KitKat) or Windows 10 (Build 17134)

Download on the App Store | GET IT ON Google Play | Get it on Windows 10

Connect your Insite LMS App

Cloud Backend
(MS Azure)
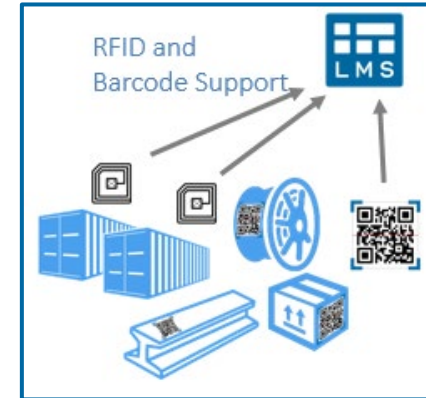
Logistics

.Packing
.Shipping
.Labelling

Logistic

At time of packing
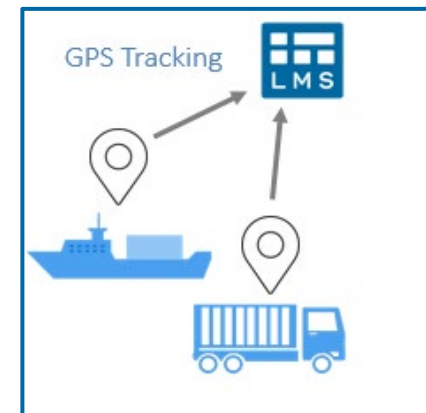
Data gathering from Vendor with LMS Mailer, Web, or LMS Packing App

.Packing

.Labeling

.Checking against BOM/PO

.Export documentation

.Valuation

At time of Shipping

.Creation of transport

.Creation of transport documents (Delivery advice, Export invoice...)

.Track & Trace,

.Live status updates (LMS integrates with eg DHL, UPS...)

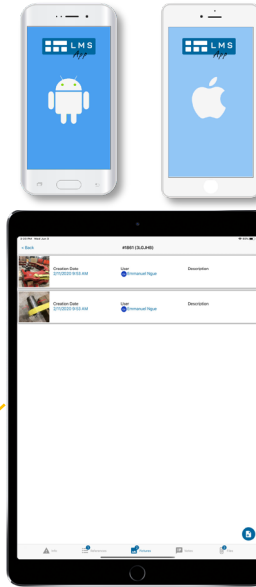.Cost overview and reporting (Transport, Insurance, Freight...)

Logistics – all documents in one place

At time of packing

.Pictures can be directly uploaded to the package with LMS Apps

.eg Vendor could do this as well with limited rights

.Documents can be stored for every Shipment/Package/Material to have them easily accessible

Benefit: Site immedialty sees what's inside the box without opening in.

Packages

Drag a column header and drop it here to group by that column
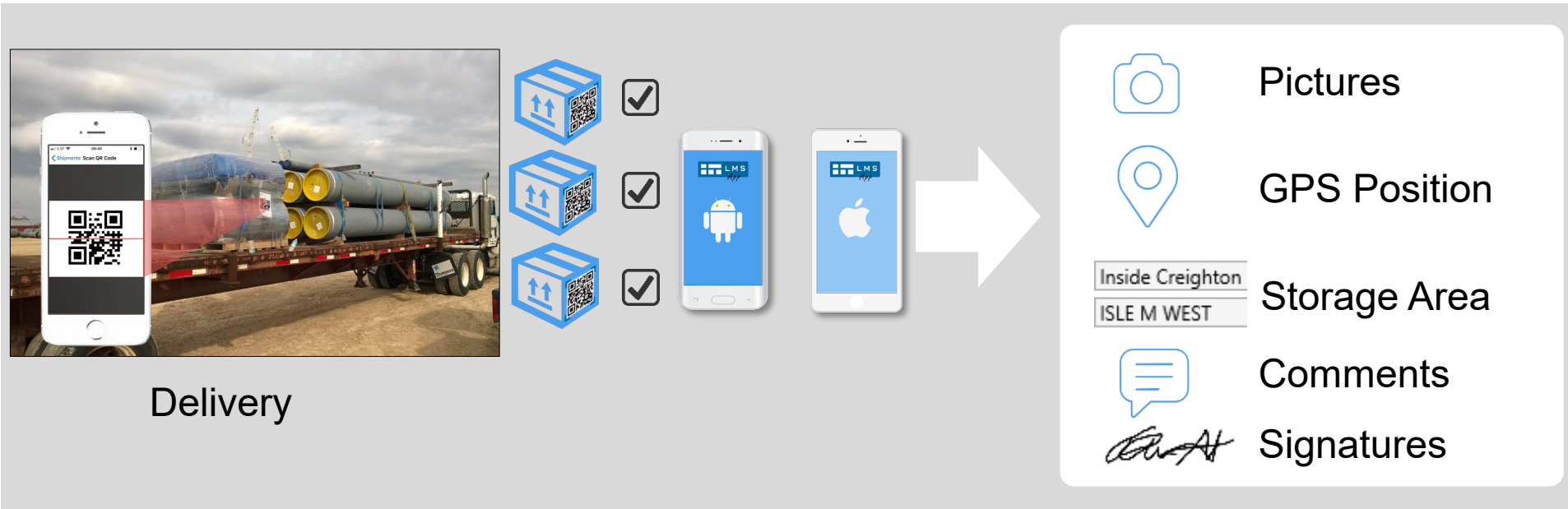
Search in visible columns

			Package No	Package Type	Gross Weight (lbs)	Net Weight (lbs)
	📎	⚠	CFHF-R4/001/0005	Case	40,745.84	39,683.21
■	📎	⚠	PEK/4503770373/0054	Plywood Box	174.17	88.18
	📎	⚠	PEK/4503770373/0158	Wooden Box	1,161.84	888.46
	📎	⚠	PEK/4503770373/0166	Wooden Box	1,161.84	888.46
	📎	⚠	PEK/4503770373/0284	Unknown	2,535.32	2,140.69
	📎	⚠	PEK/4503770373/0376	Wooden Box	716.5	531.31
	📎	⚠	PEK/4503770373/0404	Wooden Box	716.5	531.31

Attachments (4)

	Image	Description	Added
	PDF	OPI_08_06_201509_34_19_PEK_45037703 73_0054	6/8/2015 3:34 AM
		Pic_6_8_20159_33_20 AM_PEK_450377037 3_0054	6/8/2015 3:33 AM
		Pic_12.04.201510_27 _54_PEK_450377037 3_0054	4/12/2015 4:27 AM

Site Logistics

Onsite Process: Delivery

Delivery

Pictures

GPS Position

Inside Creighton
ISLE M WEST
Storage Area

Comments

Signatures

Site Logistics

Consistent documentation of goods receipt and reduction of search time
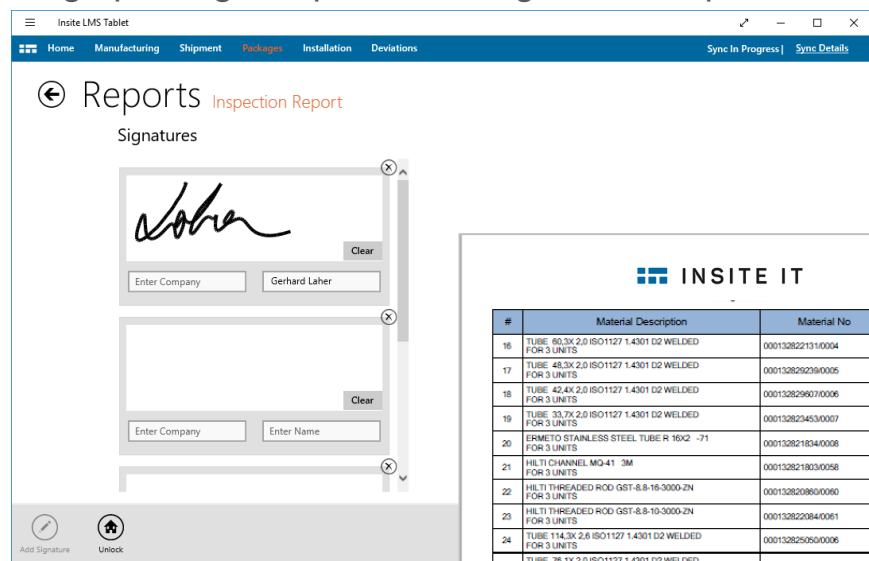
Installation BoM → Packing data & QR Code → Synchronize to site → Package inspection → Manage on-site logistics

Sign package inspection and generate report

Save storage position of package;
Search database for parts & position

Insite LMS Tablet

Home   Manufacturing   Shipment   Packages   Installation   Deviations   Sync In Progress | Sync Details

Reports Inspection Report

Signatures

Clear

Enter Company   Gerhard Laher
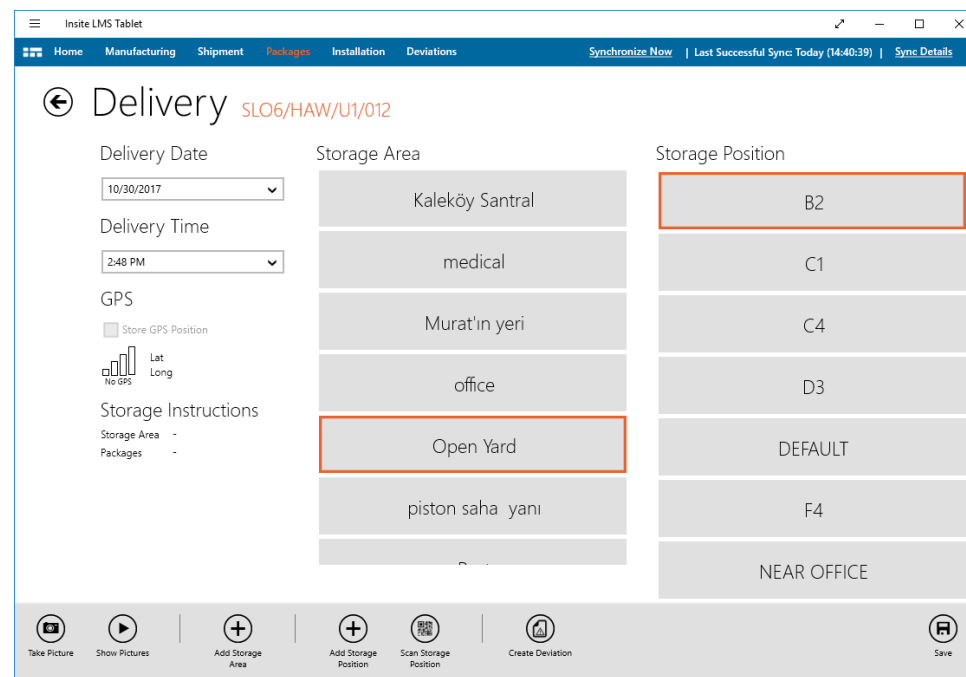
Clear

Enter Company   Enter Name

Add Signature   Unlock

INSITE IT

			Project:	Produktiv-Training
			Project No:	
			Date:	10/30/2017

#	Material Description	Material No	Drawing No	Expected	Counted	Damaged	Unit	Status
16	TUBE 60,3X 2,0 ISO1127 1.4301 D2 WELDED FOR 3 UNITS	000132822131/0004	000300771974	24	24	0	m	Ok
17	TUBE 48,3X 2,0 ISO1127 1.4301 D2 WELDED FOR 3 UNITS	000132829239/0005	000300771974	66	66	0	m	Ok
18	TUBE 42,4X 2,0 ISO1127 1.4301 D2 WELDED FOR 3 UNITS	000132829607/0006	000300771974	3	3	0	m	Ok
19	TUBE 33,7X 2,0 ISO1127 1.4301 D2 WELDED FOR 3 UNITS	000132823453/0007	000300771974	18	18	0	m	Ok
20	ERMETO STAINLESS STEEL TUBE R 16X2 -71 FOR 3 UNITS	000132821834/0008	000300771974	138	138	0	m	Ok
21	HILTI CHANNEL MQ-41 3M FOR 3 UNITS	000132821803/0058	000300771974	18	18	0	PC	Ok
22	HILTI THREADED ROD GST-8.8-16-3000-ZN FOR 3 UNITS	000132822080/0060	000300771974	15	15	0	PC	Ok
23	HILTI THREADED ROD GST-8.8-10-3000-ZN FOR 3 UNITS	000132822084/0061	000300771974	6	6	0	PC	Ok
24	TUBE 114,3X 2,6 ISO1127 1.4301 D2 WELDED FOR 3 UNITS	000132825050/0006	000300772119	36	36	0	m	Ok
25	TUBE 76,1X 2,0 ISO1127 1.4301 D2 WELDED FOR 3 UNITS	000132823475/0007	000300772119	6	6	0	m	Ok

Signatures

. Gerhard Laher	.	.

Generated by Insite LMS   Page 2 of 2

Insite LMS Tablet

Home   Manufacturing   Shipment   Packages   Installation   Deviations   Synchronize Now | Last Successful Sync: Today (14:40:39) | Sync Details

Delivery SLO6/HAW/U1/012

Delivery Date
10/30/2017

Delivery Time
2:48 PM

GPS
☐ Store GPS Position

No GPS   Lat
          Long

Storage Instructions
Storage Area   -
Packages   -

Storage Area
Kaleköy Santral
medical
Murat'ın yeri
office
Open Yard
piston saha yanı

Storage Position
B2
C1
C4
D3
DEFAULT
F4
NEAR OFFICE

Take Picture   Show Pictures   Add Storage Area   Add Storage Position   Scan Storage Position   Create Deviation   Save
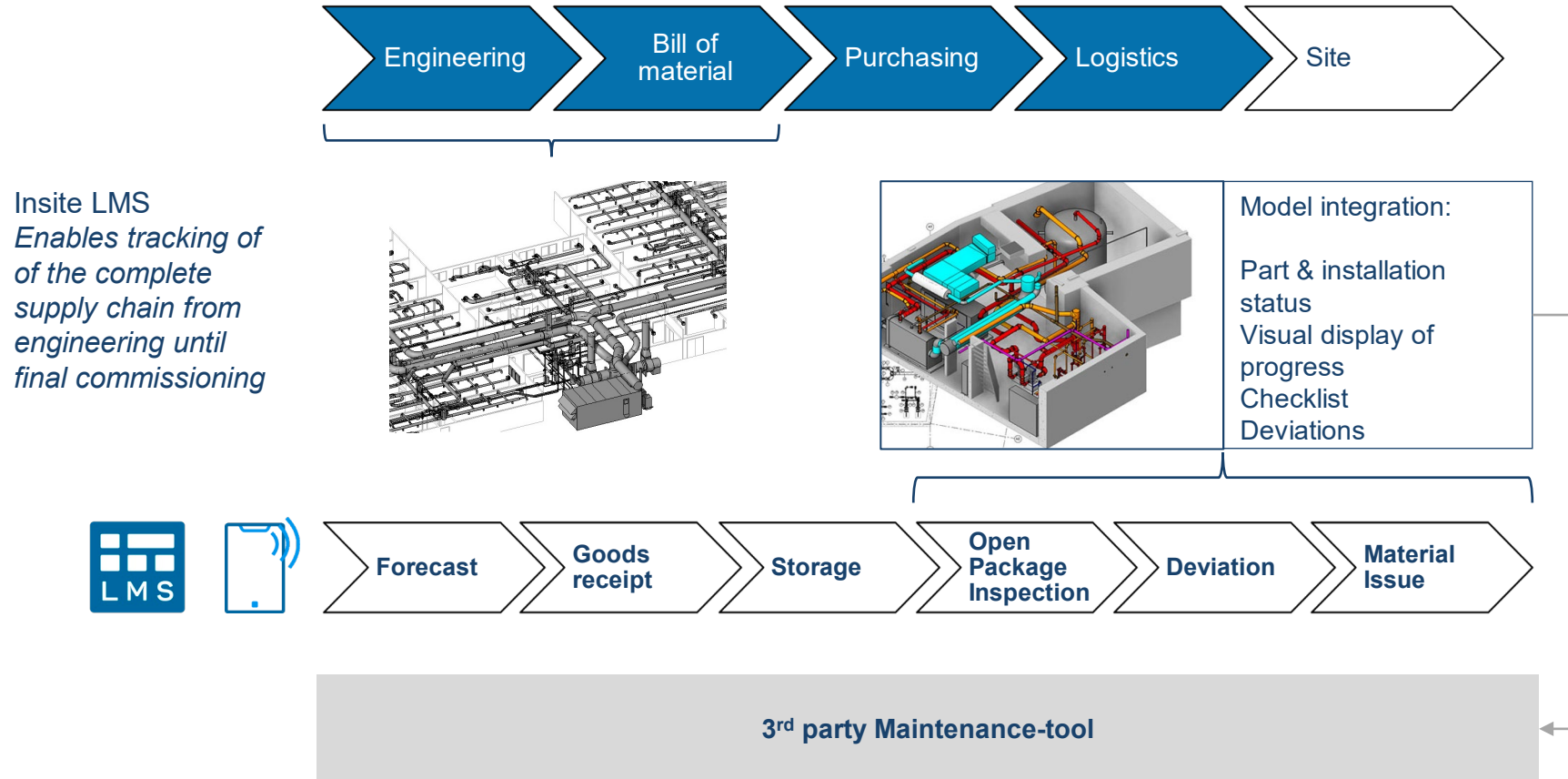
Site Logistics

Material tracking from onsite delivery to installation

On-Site (LMS)

Forecast ➤ Goods receipt (Delivery) ➤ Storage ➤ Open Package Inspection ➤ Material Request ➤ Material Issue

Process Integration into 3D Modells

Visualisation

Deviation management

Deviation Management

Easy creation and re-use of data for daily/weekly reports
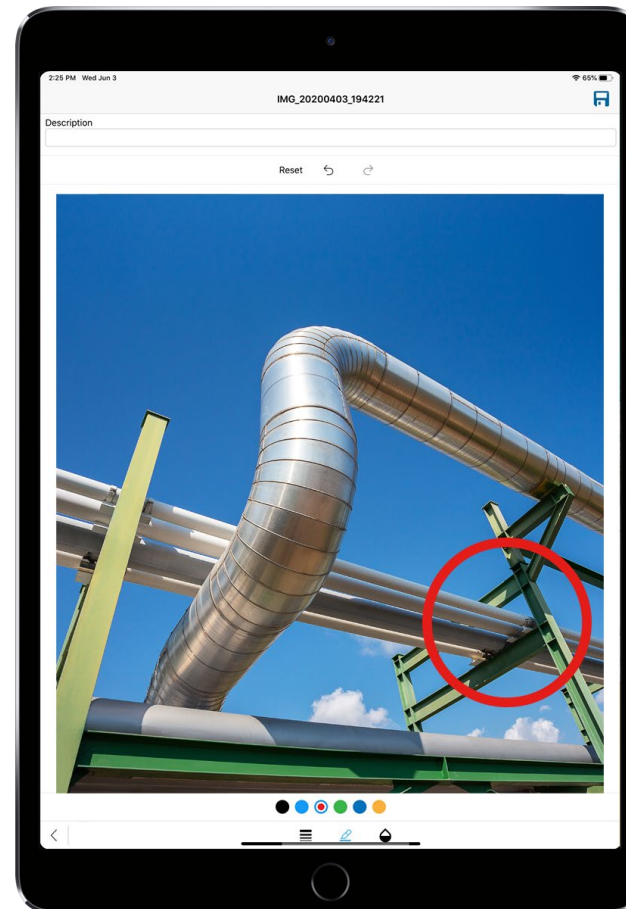
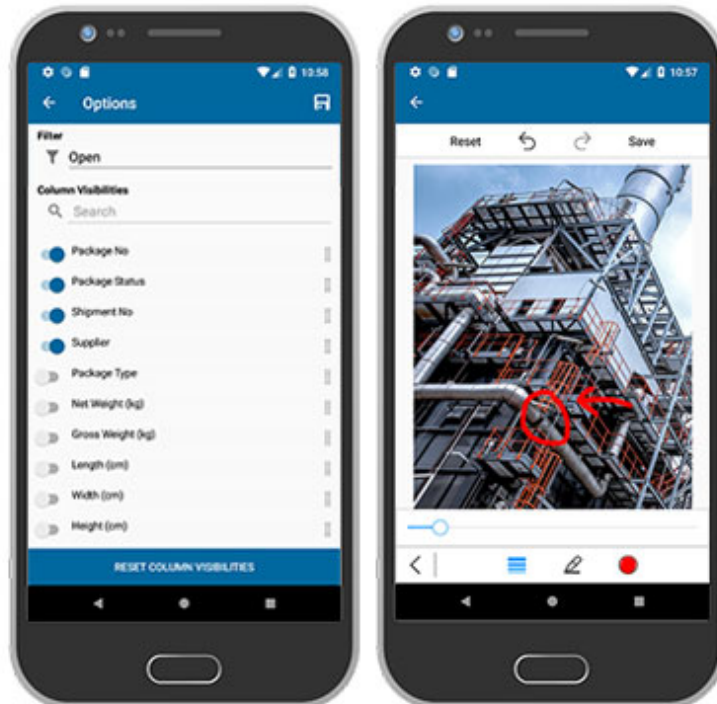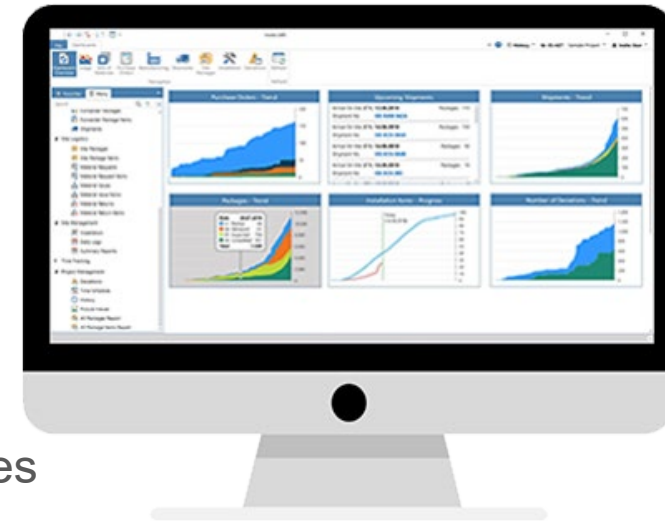| Record deviations with mobile device | Provide details, create full NCR | Print & Mail | Synchronize to SAP | Document disposition & implementation |

Record deviations with mobile device at site

Progress tracking

Progress tracking

•digital • efficient • paperless

- Import schedule from xlsx (MS Project, Primavera)
- Assign checklists and supervisors
- Enter progress
- Add Picture/Condition documentation
- Create S-Curves
- Create Daily logs
- Create Summary Logs
- Create, Assign and manage deviations, punch lists, HSE issues

Progress tracking – mobile App

Enter Progress with Checklists, Take Pictures, Add Comments or Create Deviations

Activity	%	Progress [%]
Material certificates available	5	100
Material checked	5	0
Shot blasting	5	100
Tube bending	5	100
Panel / Coild welding	5	100
Panel bending	5	100
Openings (cutting and welding)	5	100
Total Progress		**95 %**

Info   Progress   Pictures   Notes   More

Steps defined by checklist
Eg:
M – Mechanic installation Checklist
E – Electric installation Checklist
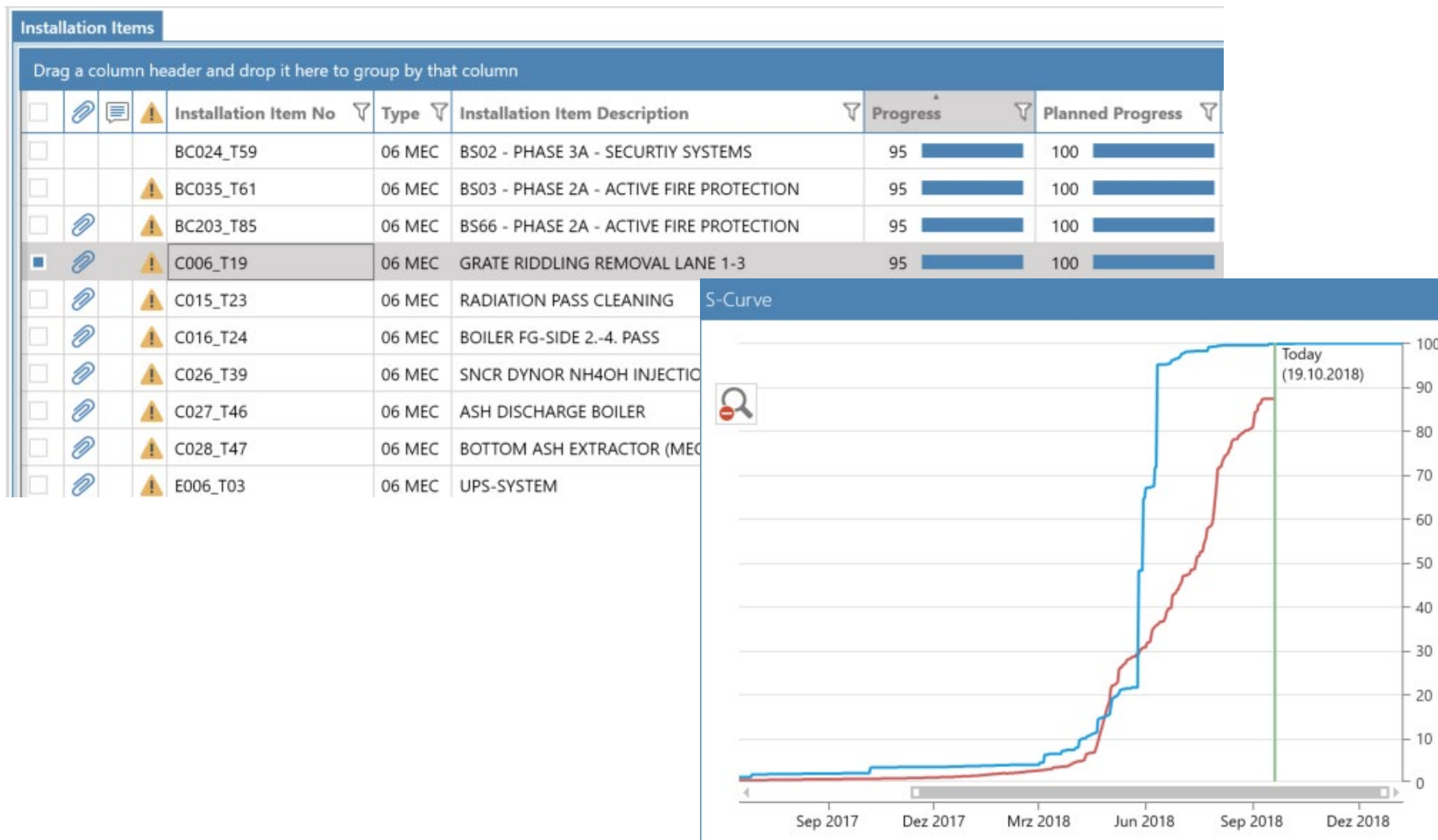C – Hot Comissioning ….

Misalignment

Fully integrated with

- Deviation management
- Daily log
- Summary log
- Time tracking

Progress Tracking in LMS

Dashboard with open points list and deviations

Daily/Summary logs

Daily Log & Weekly Log

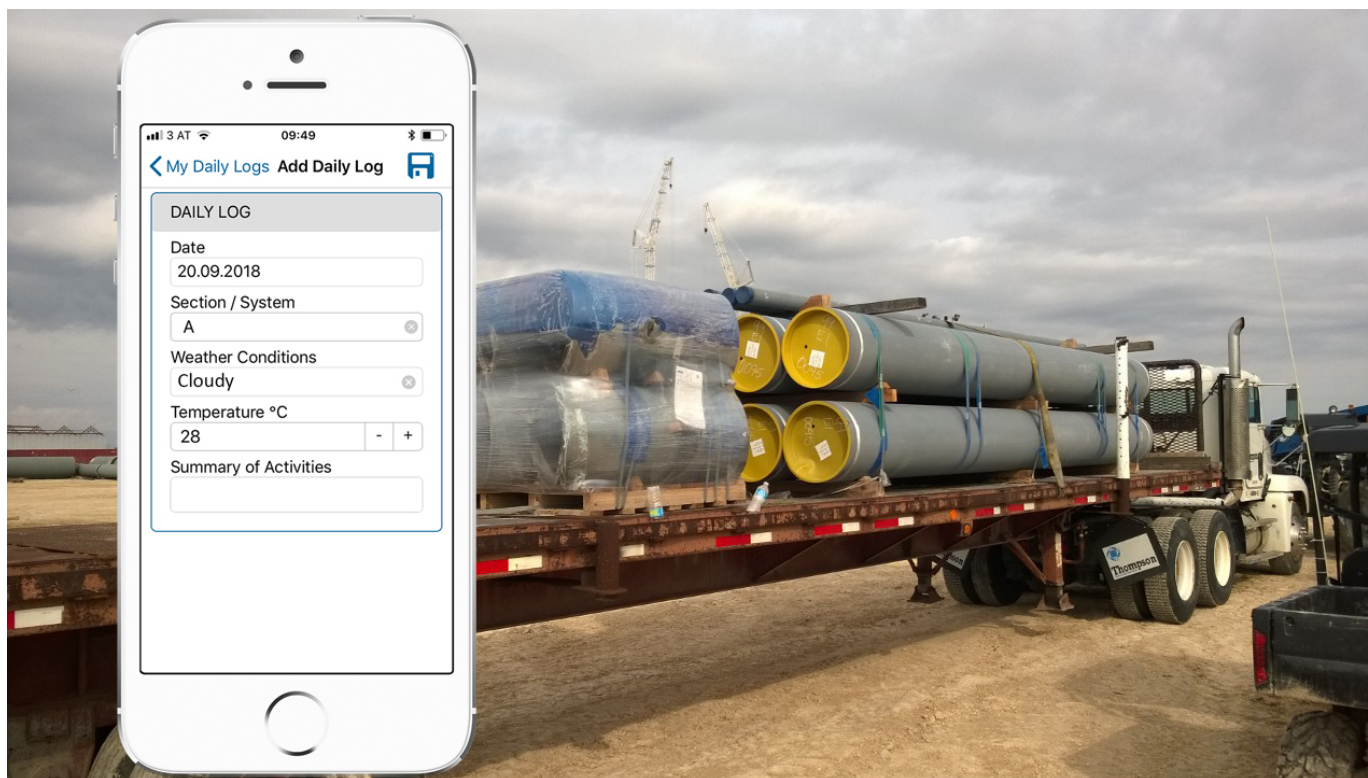Structured and searchable photo documentation and reporting

| Record pictures with mobile device | Create daily logs | Aggregate to weekly/monthly reports | Print & Mail |

Tag pictures to schedule items

Edit the daily log wizard in desktop view

Progress Reporting

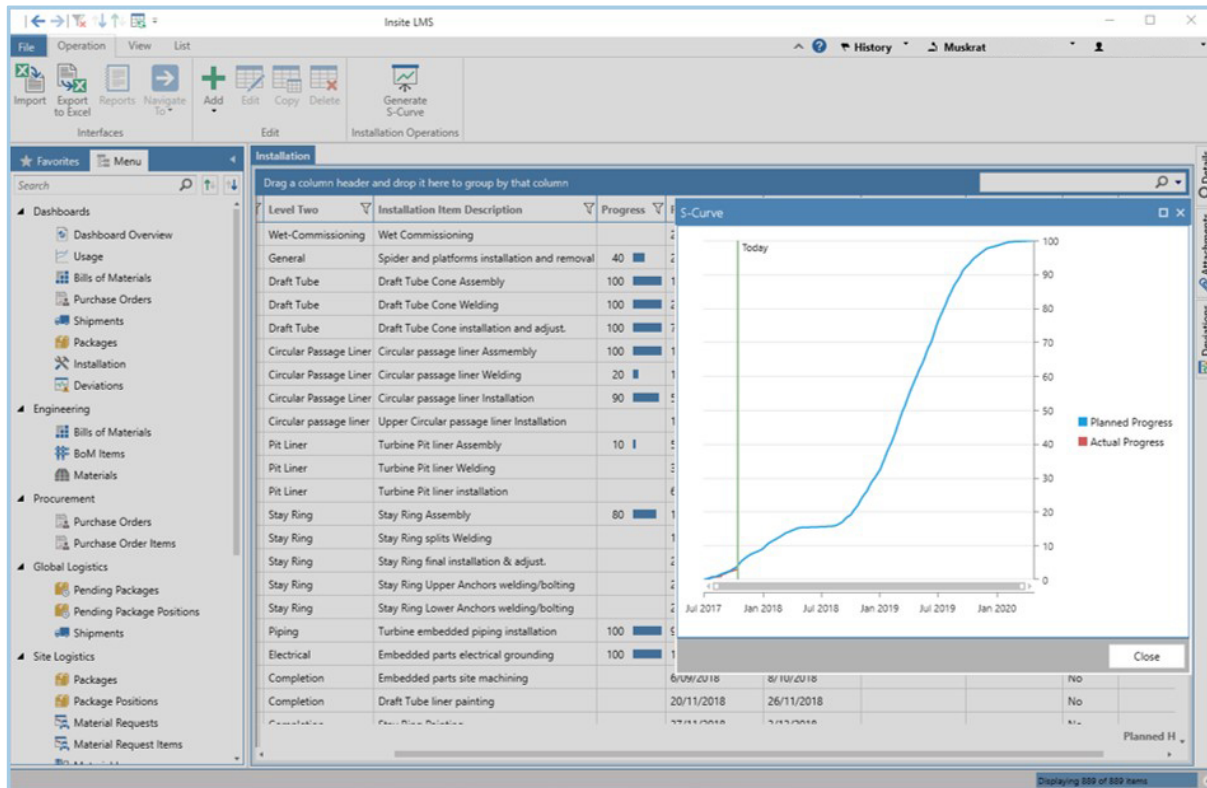Structured and searchable photo documentation and reporting

Record pictures with mobile device ❯ Create daily logs ❯ Aggregate to weekly/monthly reports ❯ Print & Mail

Progress monitoring and S-curve, full EVA to be developed

Automatically generate reports

Time tracking

Electronic time recording with terminals

Significant reduction of administrative effort and increase of transparency

| Electronic time recording with Fingerprint | Get daily reports on headcount, number of worked hours at site etc. | Book actual hours on installation tasks, compare with budget | Create attendance lists, personal time sheets, allowance sheets | Submit electronic data to payroll process and cost forecasting |

Book actual hours on tasks

Generate time sheets
for payroll process
Interface to local systems

Fully automated time sheets

Manufacturing Tracking

INSITE IT

Daio - DEMO_TEST / Daio ▼

PROCUREMENT

📊 Manufacturing Items

GLOBAL LOGISTICS

🚚 Shipments

📦 Pending Packages

SITE LOGISTICS

📦 Site Packages

PROJECT MANAGEMENT

⚠ Deviations

Oilon oy ✖ 🔍 ⚙

Manufacturing It...	Description	Assigned To	Progress	Planned Progress	Planned Start	Planned Finish	Supplier	Enter Progress
☐ 4501887935-50	PUMPING SYSTEM, FUEL OIL	Paula Pulliainen	45.25	19.21	16.07.2018	31.07.2019	Oilon Oy	☰
☐ 4501887935-10	START-UP BURNER 7.5 MW - HEAVY FUEL...	Veijo Esso	32.1	80.22	16.07.2018	15.10.2018	Oilon Oy	☰
☐ 4501887935-20	START-UP BURNER 7.5 MW - HEAVY FUEL...		28	19.21	16.07.2018	31.07.2019	Oilon Oy	☰
☐ 4501887935-30	VALVE GROUP FOR START-UP BURNERS (OIL)		28	19.21	16.07.2018	31.07.2019	Oilon Oy	☰
☐ 4501887935-60	VALVE GROUP FOR CNCG BURNERS		28	80.22	16.07.2018	15.10.2018	Oilon Oy	☰
☐ 4501887935-40	CONTROL BOX FOR START-UP BURNER		28	19.21	16.07.2018	31.07.2019	Oilon Oy	☰

TEST TEST ⌃

⚙ Options

↪ Logout

A product of INSITE IT

|◀ ◀ **1** ▶ ▶| 100 ⇅ items per page

1 - 6 of 6 items

Manufacturing Items

Drag a column header and drop it here to group by that column

All ▾ | Search in visible columns (Crtl+F) 🔍 ▾

	📎	📋	⚠	Type	Manufacturing Item No	Description	Subcontractor	PCI	Planned Progress	Progress	Inspection Plan
☐				EQUIPM1	D02826947026_0003006_0060132/351-E001	No.1 Water seal pot		-1.00		0	
☐				EQUIPM1	D02826947026_0003006_0060132/351-E002	No.2 Water seal pot		-1.00		0	
☐				EQUIPM1	D02826947026_0003006_0060132/351-E010	No.3 Water seal pot		-1.00		0	
☐				EQUIPM1	D02826947026_0003006_0060132/351-E011	No.4 Water seal pot		-1.00		0	
☐				EQUIPM1	D02826947026_0003006_0060132/351-E012	No.5 Water seal pot		-1.00		0	
☐				EQUIPM1	D02826947026_0003006_0060132/411-E012	No.6 Water seal pot		-1.00		0	
☐				EQUIPM1	D02826947026_0003006_0060132/431-E012	No.7 Water seal pot		-1.00		0	
☐				EQUIPM1	D02826947026_0003006_0060132/591-E002	No.1 Water seal pot (E)		-1.00		0	
☐				EQUIPM1	D02826947026_0003006_0060132/591-E003	Water seal pot for DNCG		-1.00		0	
☐	📎	📋		STEAM DRUM	D02826947026_1100101_0001010/1K	STEAM DRUM		0.82	97	80	
☐				EQUIPM1	D02826947026_1110110_0100010/521-E001	Evaporator Effect HD		-1.00		0	
☐	📎	📋		BLOCK	D02826947026_1110111_0001020/1K	FURNACE UPPER SECTION-FRONT WALL		0.00	100	60	
☐				BLOCK	D02826947026_1110111_0001020/2K	FURNACE UPPER SECTION-FRONT WALL		0.00	100	60	
☐				BLOCK	D02826947026_1110111_0001020/3K	FURNACE UPPER SECTION-FRONT WALL		0.00	100	60	
☐	📎	📋		BLOCK1	D02826947026_1110111_0002020/1K	FURNACE UPPER SECTION -LEFT WALL		0.00	100	75	
☐	📎			BLOCK1	D02826947026_1110111_0002020/2K	FURNACE UPPER SECTION -LEFT WALL		0.00	100	75	
☐	📎			BLOCK1	D02826947026_1110111_0002020/3K	FURNACE UPPER SECTION -LEFT WALL		0.00	100	75	
☐	📎	📋		BLOCK1	D02826947026_1110111_0003020/1K	FURNACE UPPER SECTION -RIGHT WALL		0.00	100	75	
☐				BLOCK1	D02826947026_1110111_0003020/2K	FURNACE UPPER SECTION -RIGHT WALL		0.00	100	75	
☐				BLOCK1	D02826947026_1110111_0003020/3K	FURNACE UPPER SECTION -RIGHT WALL		0.00	100	75	
☐				BLOCK	D02826947026_1110111_0004020//1K			0.00	100	0	

6,929   11%

Progress

Activity	%	Progress	Planned Start	Planned
Material Test	2	▢	2/1/2018	2/28/2
Material Cutting, Beveling	3	100 ▾	3/1/2018	3/20/2
Dished end Pressing	3	100 ▾	3/21/2018	4/15/2
Dished end manhole marking, cutting	3	100 ▾	4/16/2018	4/20/2
Dished end normalizing	3	100 ▾	4/21/2018	4/25/2
Dished end machining	3	100 ▾	4/26/2018	5/10/2
Fit-up&Welding for manhole reinforced ring, grinding	3	100 ▾	5/11/2018	5/25/2
UT/MT for weld of reinforced Ring	3	100 ▾	5/26/2018	5/31/2
Sealing Surface Machining	3	100 ▾	6/1/2018	6/10/2
Weld of Nozzle, attachment	3	100 ▾	6/11/2018	6/20/2
UT/MT for weld of Nozzle, attachment	3	100 ▾	6/21/2018	6/30/2
Shell, Material Cutting, Beveling	3	100 ▾	2/1/2018	3/23/2
MT for Shell plate Groove	3	100 ▾	3/20/2018	3/23/2
Shell Rolling	3	100 ▾	3/21/2018	3/31/2
Shell Welding and grinding	3	100 ▾	4/1/2018	4/5/20
Shell MT/UT for Long Seam	3	100 ▾	4/6/2018	4/8/20
Correction for Shell	3	100 ▾	4/8/2018	4/10/2
Machining for Shell Bevel	3	100 ▾	4/16/2018	4/25/2
CS Welding	3	100 ▾	4/20/2018	5/5/20
CS Grinding	3	100 ▾	5/6/2018	5/10/2

🔍 Details   📎 Attachments (14)   📋 Notes (4)   Progress

Progress Chart

D02826947026_1100101_0001010/1K

Date: 6/26/2018 10:44:10 AM   Progress: 69

Attachments (14)

	Image	File Name	Upload Date
☐	PDF	D02826947026_1100101_0001010_1K_MANUFACTURINGITEM_20180828_134013	8/28/2018 8:40 AM
☐		WIN_20180827_11_04_09_Pro	8/27/2018 9:20 AM
☐		WIN_20180827_11_05_08_Pro	8/27/2018 9:20 AM
☐		WIN_20180827_11_03_50_Pro	8/27/2018 9:19 AM
☐		WIN_20180811_10_29_57_Pro	8/11/2018 6:32 AM
☐		WIN_20180811_10_25_49_Pro	8/11/2018 6:32 AM
☐		WIN_20180811_10_25_30_Pro	8/11/2018 6:32 AM
☐		WIN_20180723_10_16_53_Pro	7/23/2018 7:57 AM

🔍 Details   Attachments (14)   📋 Notes (4)   Progress

History (36)

	User	Type	Date	Source	New Value	Old Value
+	Venkat Ramkumar	Manufacturing Item Changed	9/8/2018 8:53:12 AM	User		
+	Tiia Siippainen	Manufacturing Item Changed	8/28/2018 12:52:40 PM	User		
	Jarmo Koponen	Attachment Added	8/28/2018 8:40:14 AM	Tablet	D02826947026_1100101_0001010_1K_MANUFACTURINGITEM_20180828_134013.pdf	
+	Insite User	Manufacturing Item Changed	8/28/2018 8:12:42 AM	User		
+	Viljam Rikkinen	Manufacturing Item Changed	8/28/2018 6:49:38 AM	User		
+	Tiia Siippainen	Manufacturing Item Changed	8/27/2018 12:13:55 PM	User		

Why? Insite LMS

LMS

Your benefit

Get real-time information
Receive all information at the push of a button
React immediately

Work in a paperless process
Move from print to digital data
Increase workforce and material utilization

Experience total project overview
Standardized project reporting
Precise information

Easy to use
Best user experience on tablet and desktop
Out-of-the-box software

Manage projects agile
Flexible and detailled documentation
Find materials onsite faster and lower labor costs

Reduce standing times
Be aware of critical materials in advance
Ensure availability of materials on site

ASK AN EXPERT

INSITE IT

Thank you

Thomas.Roithmeier@insite-it.net