



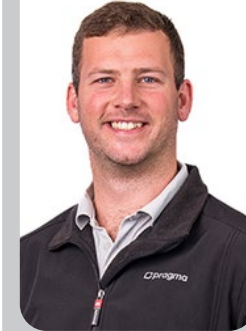
Elevate your game with **On Key's latest features**

Driving the evolution of smarter asset management

22 May 2025



Stefan Swanepoel
Head of Product Development



JP de Koker
On Key Integrate



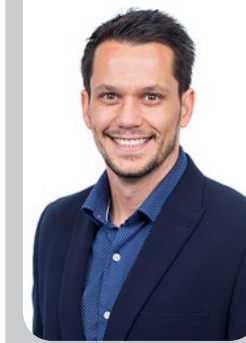
Juan Vermeulen
On Key EAMS



Marisa Fouche
On Key Integrate



Simone Theron
On Key Product Packs



Darren White
On Key Connect

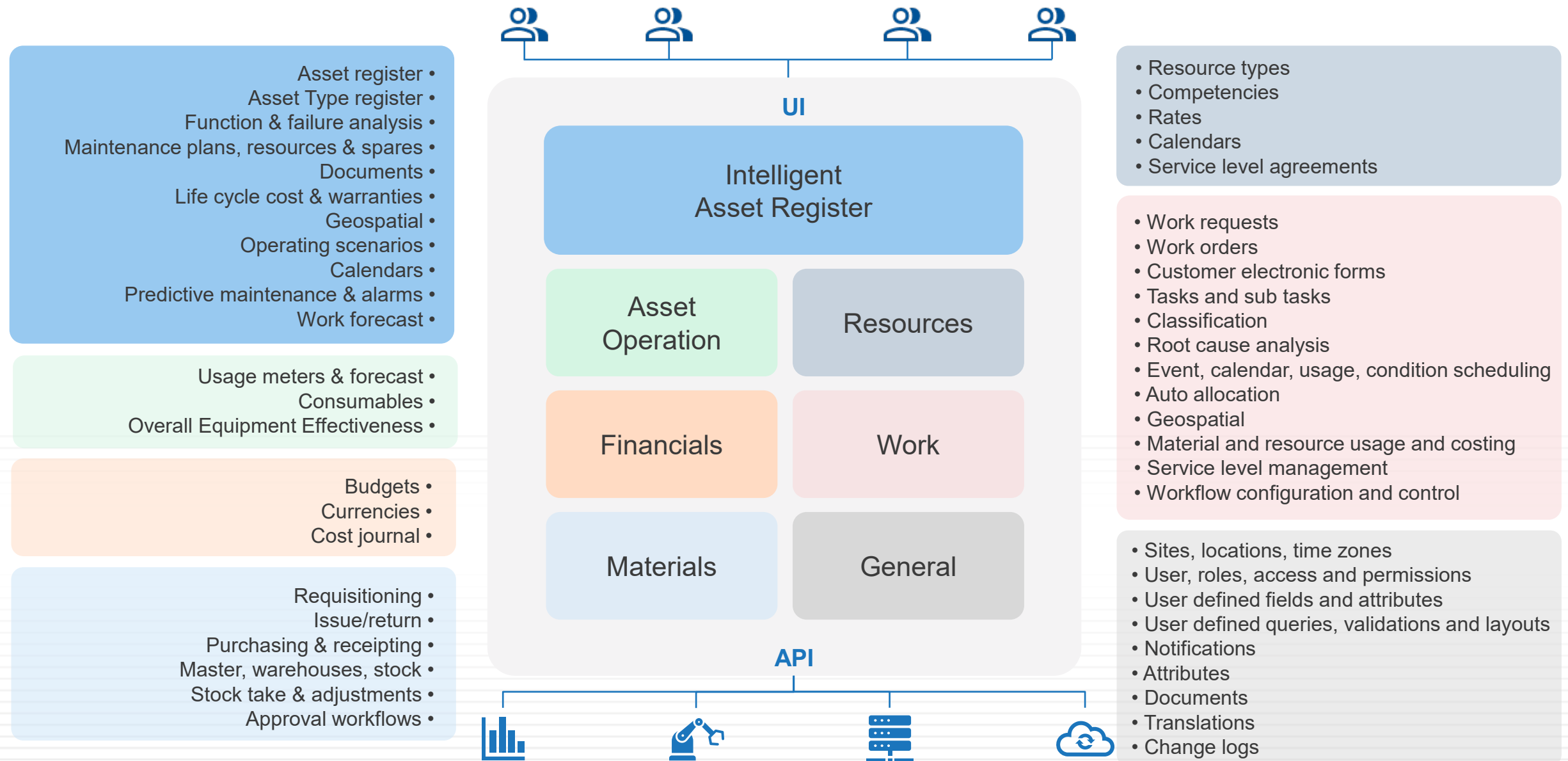


Mauritz Zastron
On Key Insights and Action

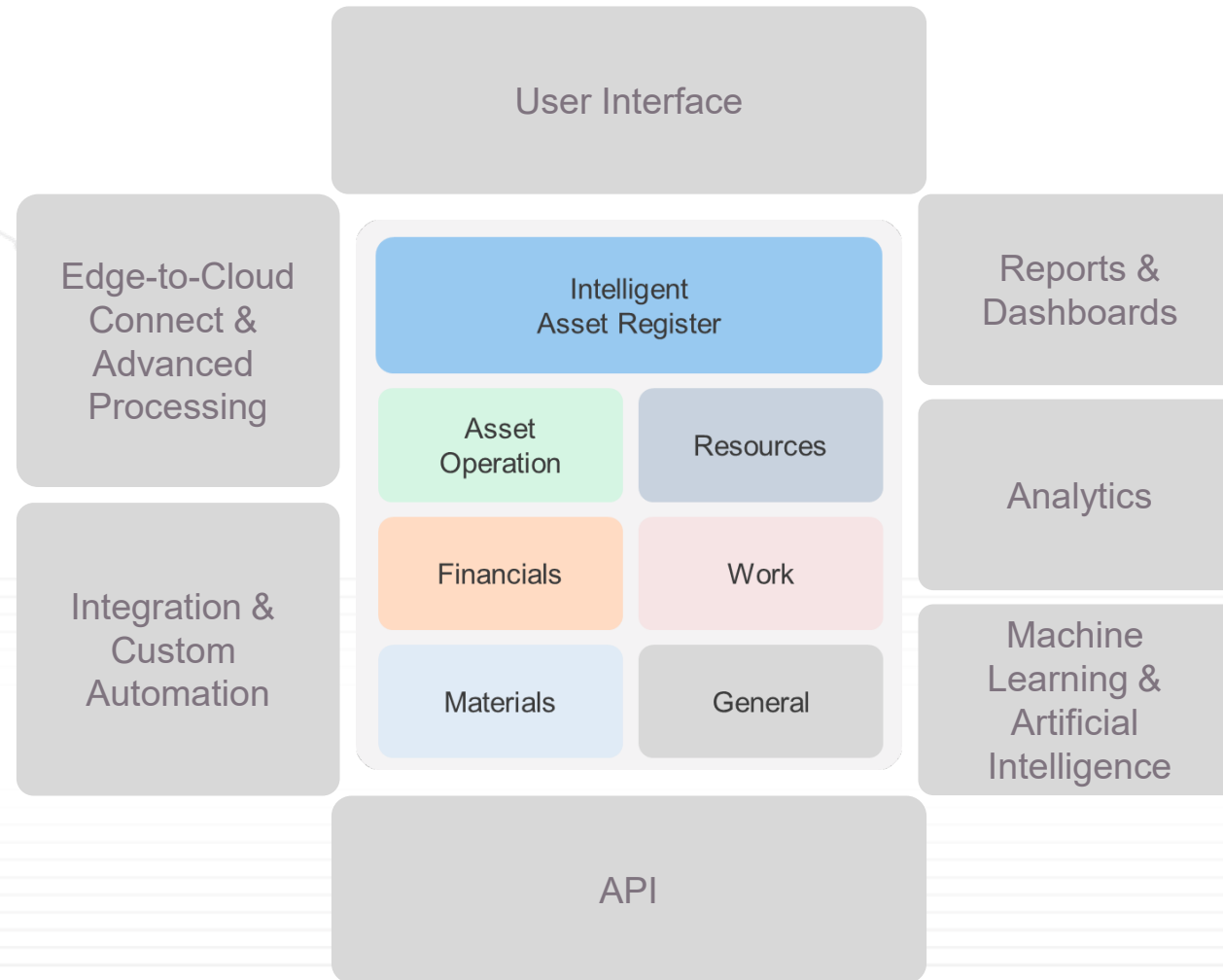
Agenda

- ▶ Team introduction
- ▶ Product suite overview
- ▶ Core EAM (Plus)
- ▶ Specialised apps (Action)
- ▶ IoT connectivity (Connect)
- ▶ Integrations (Integrate)
- ▶ Sector specific solutions
- ▶ Machine learning and artificial intelligence

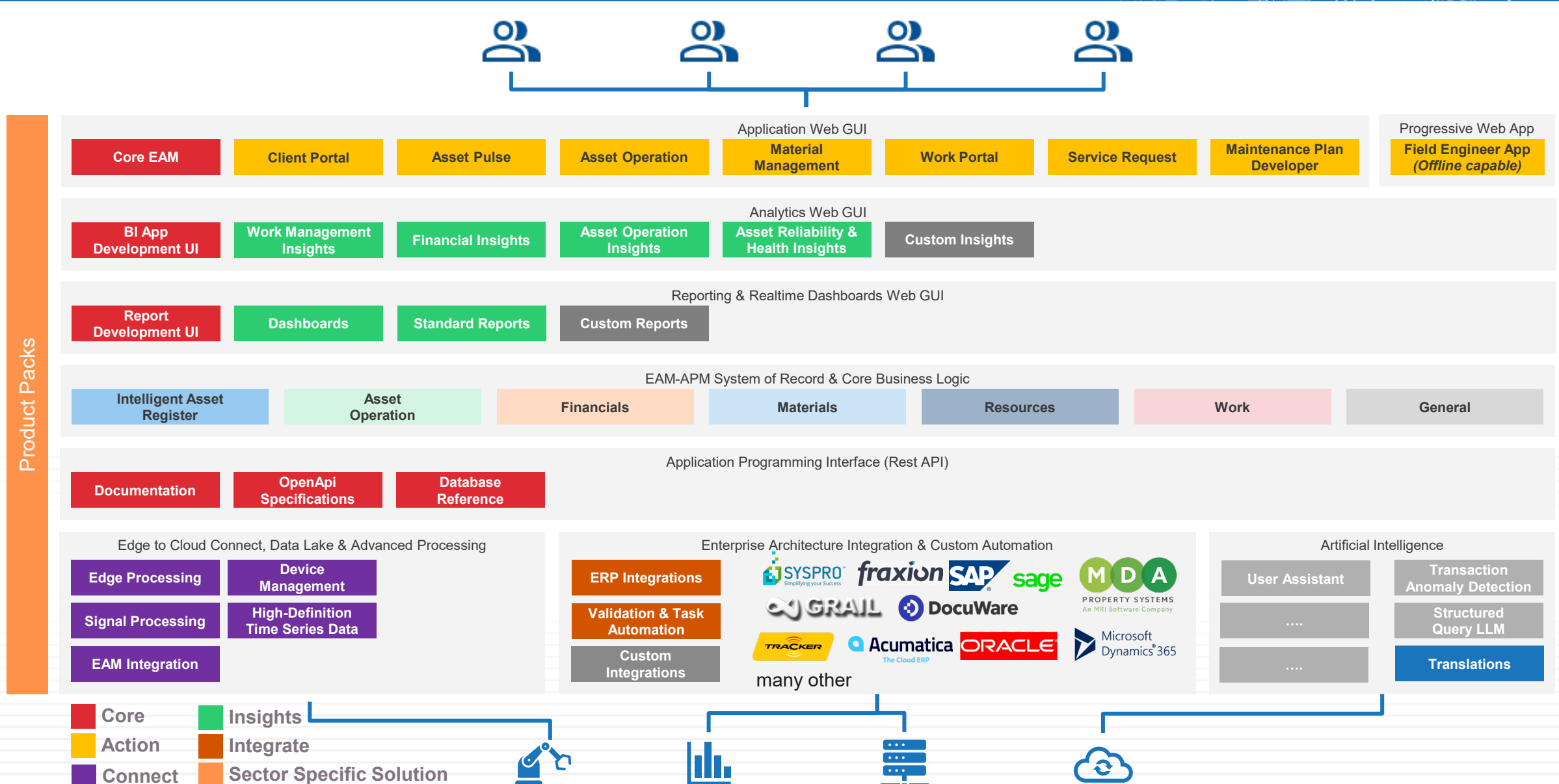
On Key EAM-APM business feature overview



On Key EAM-APM product suite components



On Key interfaces and data processing



- EAMS
- Insights
- Action
- Integrate
- Connect

verdantix

Green Quadrant
Enterprise Asset
Management Software

Leader

2024

CN KEY is a Verdantix
Green Quadrant leader

Download the report



On Key | Beyond Enterprise Asset Management

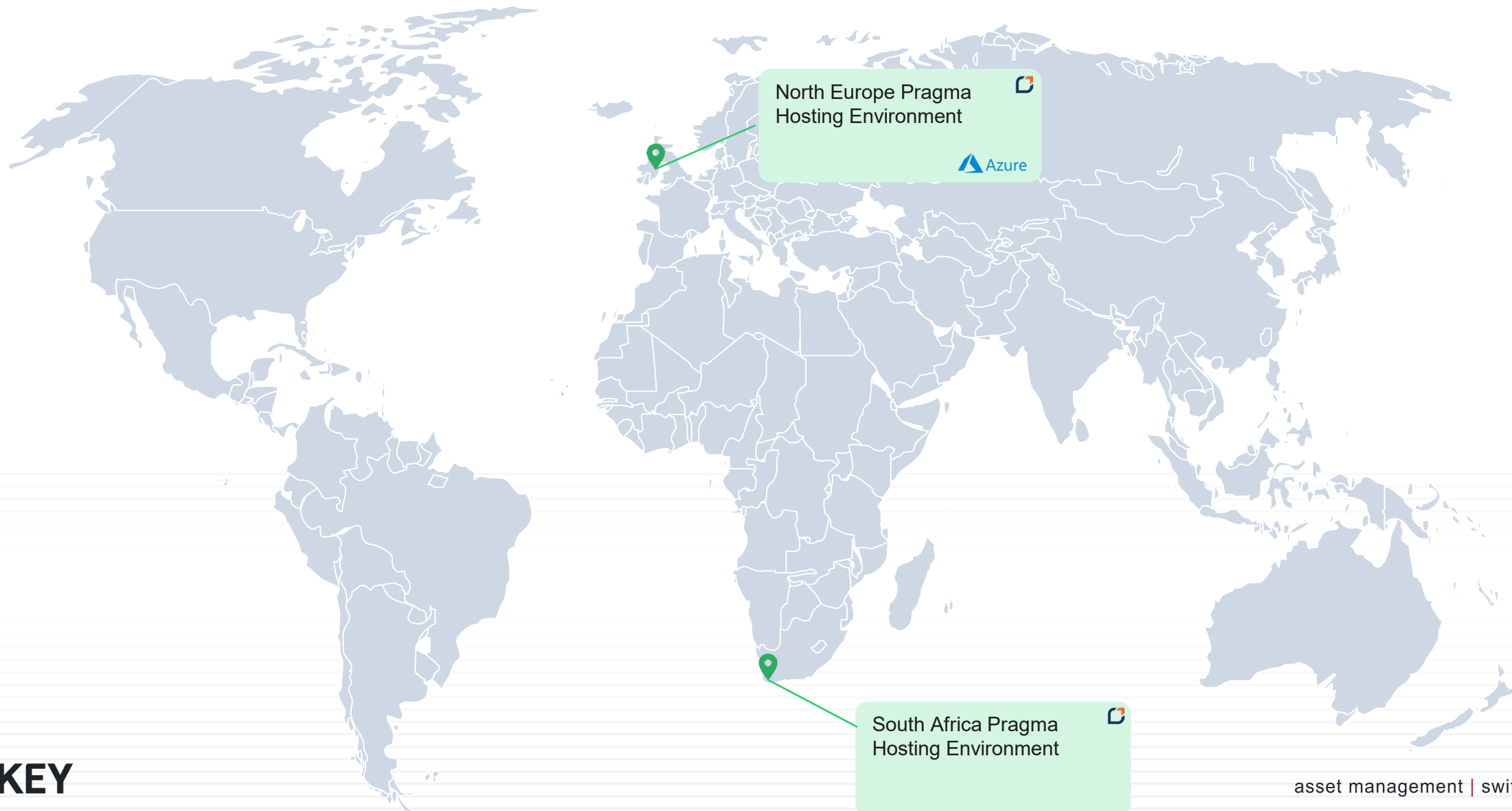
We are a leading asset management software developer owned by the [Pragma](#) Group.

On Key EAM is a best-in-class software application suite that assists owners of asset-intensive organisations in managing their physical assets across their entire lifecycle.



Contact Us

SaaS deployment locations



01

On Key Plus

Recent features and short term roadmap

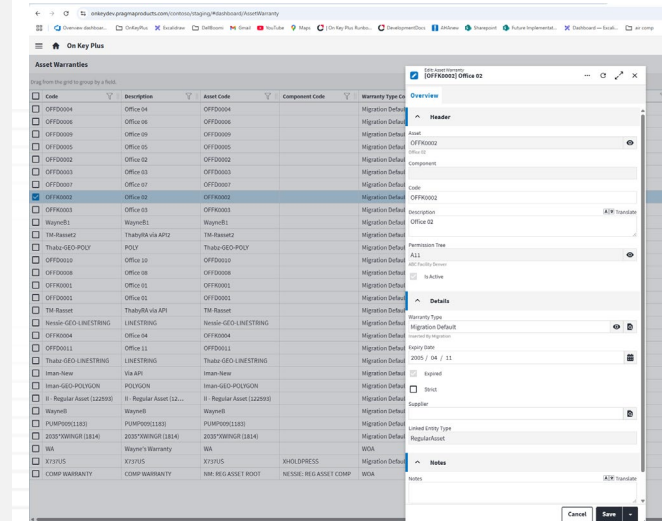
Core service and asset management system of record with efficient user interface for essential high-volume transactions and efficient power user activities and API for integration into client architectures

Bulk Importing Capabilities where users can export templates to Excel, populate their data and then drag and drop it back into the system itself (no need for third-party tools)

The importing can be done on all entities within On Key Plus and will greatly increase the velocity of getting new Clients onboard.



The **asset warranty** functionality is designed to provide essential information during the creation of reactive work orders. The inclusion of warranty details directly within the work order process aids in decision-making, potentially reducing costs by utilising warranty services when applicable and appropriate



Long Text in dashboards

Memo field handle implemented on the dashboard grids to provide ability to view and copy log text.

On Key Plus

AssetTree Dashboard > AssetTreeRegularAssetTasksRecursive Dashboard

Regular Asset Tasks

Drag from the grid to group by a field.

☐	Code	Description	Component Code	Asset Code	Is Ins...
☐	CLEV-001	Inspect actuator(s) cl...	CLEV	PRESS2	true
☐	CLEV-002	Lubricate hydraulic a...	CLEV	PRESS2	false
☐	MBPP-001	Inspect mounting ba...	MBPP	PRESS2	true
☐	PIHF-002	Inspect general condi...	PIHF	PRESS2	true
☐	PIHF-001	Inspect for excessive ...	PIHF	PRESS2	true
☐	ACTU-001	Inspect hydraulic act...	ACTU	PRESS2	true
☐	PIHF-002	Inspect general condi...			
☐	PIHF-001	Inspect for excessive ...			
☐	ACTU-001	Inspect hydraulic act...			
☐	CLEV-001	Inspect actuator(s) cl...			
☐	CLEV-002	Lubricate hydraulic a...			
☐	MBPP-001	Inspect mounting ba...	MBPP	PRESS2	true
☐	FRAM-001	Inspect general condi...	FRAM	PRESS2	true

Description

Inspect hydraulic actuator for damage, leaks, looseness/play or any other abnormalities. Where/if applicable, inspect external seals or dust covers for excessive wear, damage or deterioration. Ensure correct functionality. Clean if required

Copy Translate

Tree Search enhancements

- Additional toggles have been added:
- ▶ deleted confirmed records;
 - ▶ rule evaluation failed records.

The general usability and performance were also enhanced

Tree Search

Q ACTU

Search Type

Exact Search

Partial Search

Field

☒ Code

☐ Description

☐ Serial Number

Entity

☐ Assets

☐ Asset Components

☒ Tasks

Inactive Records

Rule Evaluation Failed

Deleted Confirmed

Max Records 1000

Search

Search Results

Code

Description

Asset Tree Path

Component Tree Path

Count

Regular Asset Task

ACTU-001

Inspect hydraulic actuat...

[TES] Testing \ [ORGA] Organisation \ [EUR] Europe ...

[ACT2_P] Cylinder 2 \ [ACTU] Hydraulic actuator co...

ACTU-001

Inspect hydraulic actuat...

[TES] Testing \ [ORGA] Organisation \ [EUR] Europe ...

[ACT1_P] Cylinder 1 \ [ACTU] Hydraulic actuator co...

ACTU-001

Inspect hydraulic actuat...

[TES] Testing \ [ORGA] Organisation \ [EUR] Europe ...

[ACT2_P] Cylinder 2 \ [ACTU] Hydraulic actuator co...

ACTU-001

Inspect hydraulic actuat...

[TES] Testing \ [ORGA] Organisation \ [EUR] Europe ...

[ACT1_P] Cylinder 1 \ [ACTU] Hydraulic actuator co...

Inspection Task as Follow Up

In the field there is a low-level inspection task (Pass/Fail, typically with no specialised equipment or expertise) done frequently. If this inspection fails a more in-depth inspection is required, perhaps by a different skilled person and/or with different equipment. These two different inspections could thus be on separate work orders

[JV1_1] JV1_1

[Tasks]

[Adhoc] Adhoc1

[JV1] JV1

[Follow-up 1] Follow-up 1

[Follow-up 1] Follow-up 1

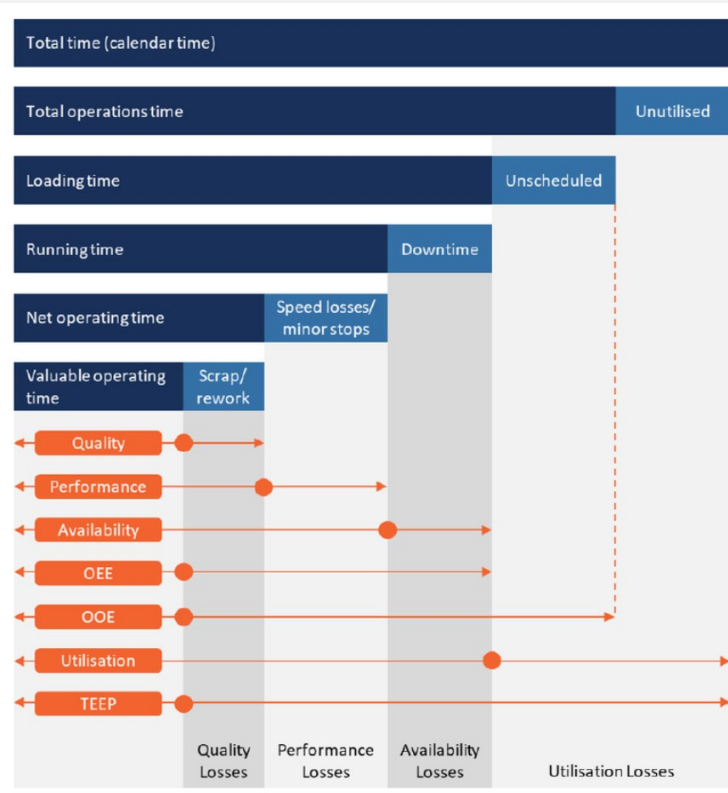
[Follow-up 2] Follow-up 2

[Follow-up 2] Follow-up 2

Feature additions and improvements planned for July'25 - Sept'25

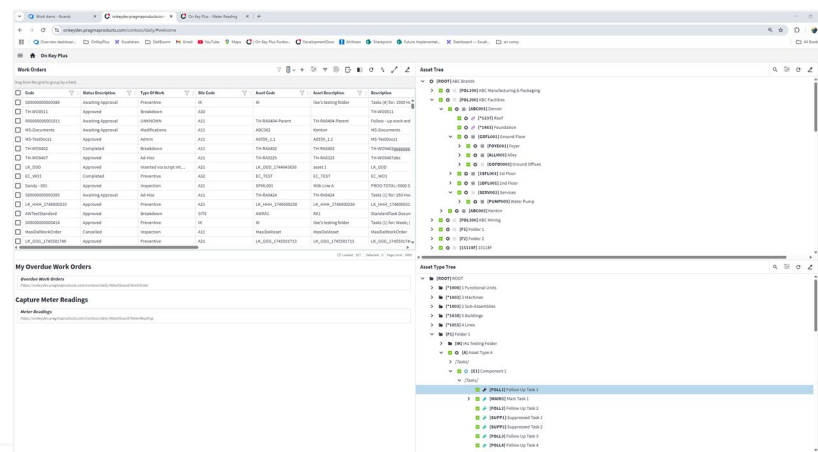
OEE – Performance Manager Module

The Performance Management Module provides offline asset performance monitoring functionality that enables you to monitor, measure and compare assets' productivity levels and efficiency.



Multi-Screen landing page

This feature provides the ability to configure default On Key Plus landing page display.



Unsubscribe from Synchronisation with the ability to Full Overwrite from Ancestor

This allows users to unsubscribe from changes on the asset register from the asset type side. This functionality enhances user control over data synchronisation and provides flexibility in managing asset-related information.

On Key Action

Recent features and short term roadmap

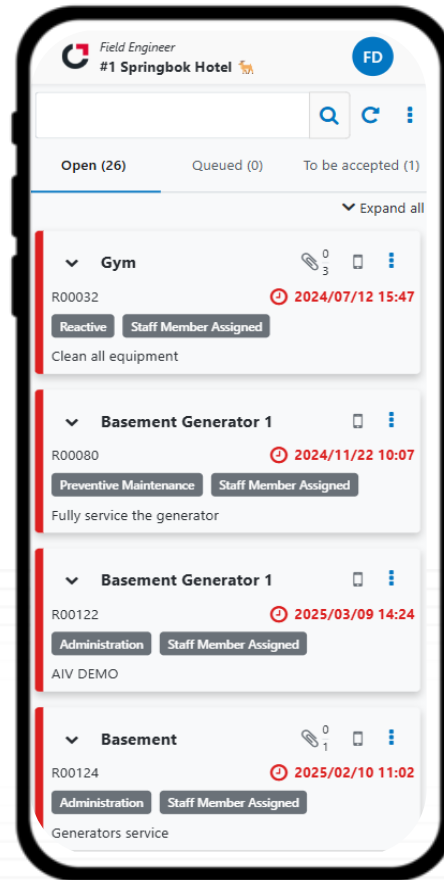
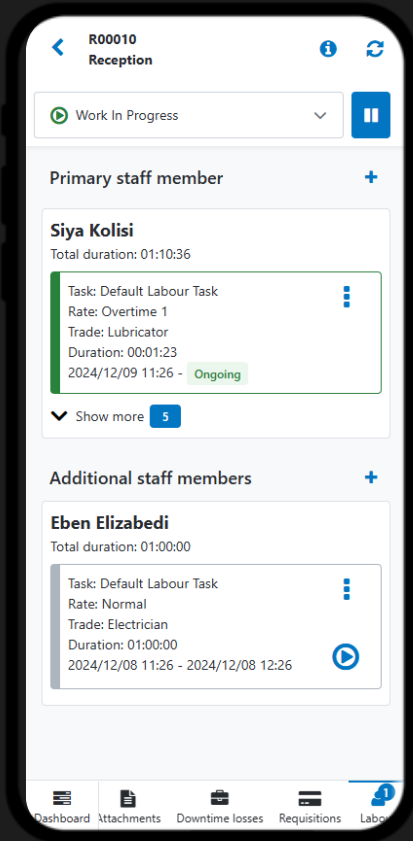
Feature additions and improvements released in Feb'25 – May'25

13

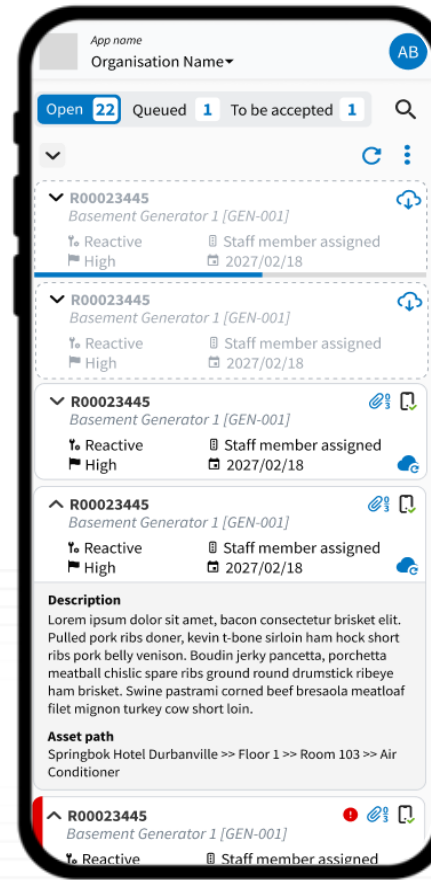
Field Engineer App

Offline capable mobile app to support all aspects of maintenance work execution, including asset information verification.

Improved sync mechanism, single page application and updated UI



Old



New

- ▶ Significant improvements in sync process. The new mechanism is faster, more robust and uses less data.
- ▶ **30-40% improvement in download time.**
- ▶ Modernised UI components.
- ▶ Improved loading time between screens.
- ▶ Increased responsiveness on low-end devices.

Feature additions and improvements released in Feb'25 – May'25

Shared improvements

Improvements in components which are or will be implemented in all apps.

New login component for On Key Plus apps

The image displays four mobile app screens illustrating the new login component for On Key Plus apps. Each screen features a 'Service Request' header with a user icon and a red speech bubble containing a plus sign.

- Screen 1: Authentication failed**
 - Header: Service Request
 - Message: **Authentication failed**
Third-party authentication was not completed. Please sign in again and follow the authentication steps in the pop-up window.
 - Form: Email * (mauritz.zastron@pragmaworld.net)
 - Button: Sign In
- Screen 2: Email Mismatch**
 - Header: Service Request
 - Message: **Email Mismatch**
The email address used to log in (**pierre.zastron@pragmaworld.net**) does not match the email of the account used for authentication (**Mauritz.Zastron@pragmaworld.net**).
Please use an email that is correctly linked to your authentication provider. If the issue persists, contact your system administrator to verify your account setup.
 - Form: Email * (pierre.zastron@pragmaworld.net)
 - Button: Sign In
- Screen 3: Select Organisation**
 - Header: Service Request
 - Text: Please select your organisation
 - Buttons: OKP Contoso Integrate, TSG R&D Dev
- Screen 4: Access Denied**
 - Header: Service Request
 - Text: Please select your organisation
 - Message: **Access Denied**
Your user's configuration is incomplete in On Key. Contact your system administrator to verify your access.
Your user's subject in the IDP is:
 - Form: TSG R&D Dev

Intuitive login flow with fewer clicks, better error messages and early detection of any incorrect or missing configurations on the users.

Feature additions and improvements planned for May'25 - Jun'25

New translation mechanism

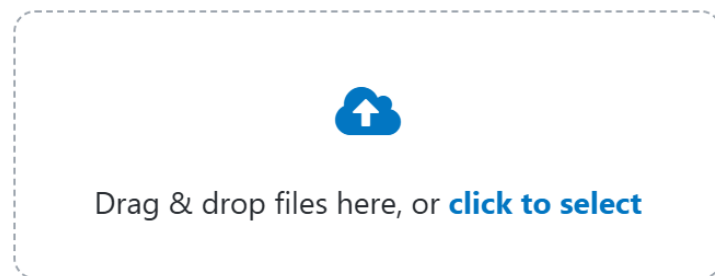
- ▶ Makes use of On Key Intelligence to translate new app phrases and languages automatically
- ▶ Client specific translations can be shared across environments

pýđa Terjemahkan Çevirmek
 Traduire
 Přeložit Traduzir
 Tłumaczyć Tarjima
 Tradurre
 Tulkita
 Fordítani
 Přeložit
 Vertalen
 Übersetzen

New file handler component (for attachments)

- ▶ Better validation at source
- ▶ Supports pasting content from clipboard (Ctrl+V)

Attachments



☐ ConveyorMotor.png
 Category: Media
 2025/05/20 | 17.89 KB Restricted

Introduction of “views” concept

- ▶ Layout of work order dependent on any field. For example, in status X and type of work Y show these 10 fields, in status X and type of work Z then show these 5 fields, tasks and attachments.

P405826 **Work Order Feedback: Scheduled Work**

Work Details Unread changes

Start Date: 2025 / 03 / 26 15:54

Site: Plant Refid

Area Code: Forming line and pre-press (2143)

Equipment: Twin screws under reject mat hopper (214352)

Finish Date: 2025 / 03 / 26 16:54

Remedy: Done

Status: Completed

Save

Labour

Employee: Dlamini, Syabonga

Hours: 01:00

Add

Staff member	Trade	Rate	Duration
Dlamini, Syabonga	Sender Technician	NT	01:00
John Doe	Sender Technician	NT	01:00

Tasks

L001 Inspect screw conveyor flights ☐ No ☒ Yes

L002 Inspect screw conveyor casing ☐ No ☒ Yes

L003 Check and lubricate all chains and sprockets - where applicable ☐ No ☒ Yes

L004 Check coupling where applicable ☐ No ☒ Yes

L005 Check gearbox oil level and breather ☐ No ☒ Yes

L006 Check all holding and adjustment bolts on gearbox ☐ No ☒ Yes

Defect / Fault: Visual

Notes:

L007 Check and grease all bearings ☐ No ☒ Yes

Save

Meter readings

Meter 123

5.11 [View](#)

On Key Connect

Recent features and short term roadmap

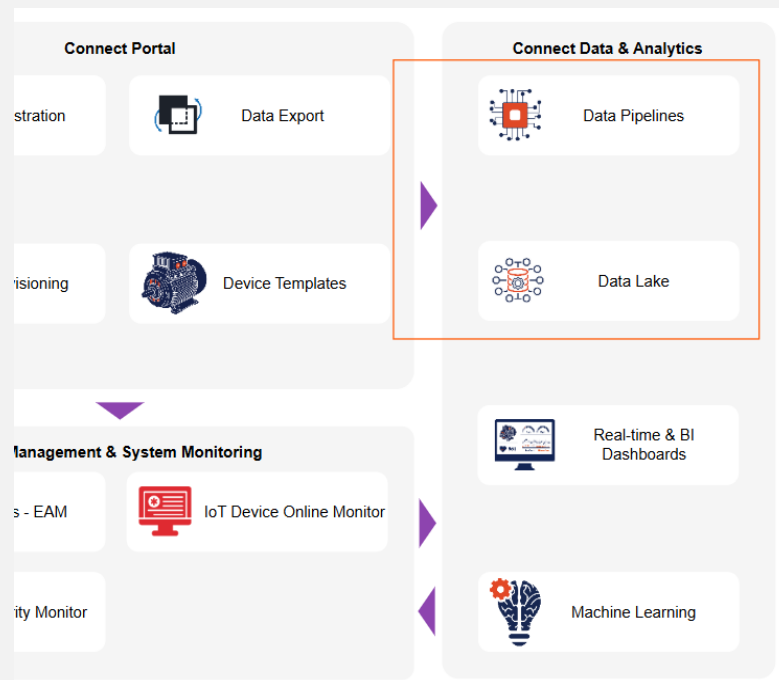
Feature additions and improvements released in Feb'24 – Mar'25

Data Lake, Visualisation and Monitoring

Decision-making driven by insights with long-term storage and visualisation capabilities for analytics purposes. Monitoring features guarantee the uptime of your monitoring solutions.

Data Lake – Architecture changes

- ▶ **Architecture improvement** with integration technology changes.
- ▶ Significant reduction in **costs** and improvement in **performance**.



Chicken Fryer State identification

- ▶ Logic-based algorithm to **identify the operating state** of chicken pressure fryers using only data from Current sensors.
- ▶ Help to effectively notify staff to **filter oil** after 10 frying cycles.
- ▶ Integration to Google Cloud Platform (GCP)

reading_on	asset_description	current	total_current	device_id	state
2025-03-31T11:...	_Chicken...	0.32	3518.55	...	Switche...
2025-03-31T11:...	_Chicken...	0.32	3518.55	...	Switche...
2025-03-31T11:...	_Chicken...	0.33	3518.62	...	Switche...
2025-03-31T11:...	_Chicken...	0.33	3518.83	...	Switche...
2025-03-31T11:...	_Chicken...	23.25	3519.12	...	Heating

Feature additions and improvements planned for release in Apr'25 - May'25

- ▶ Edge Devices | eWeLink module: Support for the son-off brand of IoT devices
- ▶ Edge Devices | MQTT Transformation module
- ▶ Edge Devices | Dry Type contact alarms on Gateways
- ▶ Edge Devices | I/O Extension module for gateways

On Key Integrate

Recent features and short term roadmap



Feature additions and improvements released in Feb'25 – Mar'25

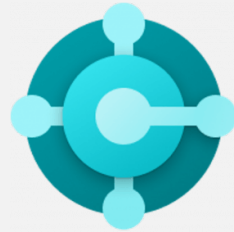
Custom and Standard Integrations

Integration processes developed to integrate On Key into clients' enterprise architecture.



On Key – Business Central

Seamlessly writing Purchase Orders, Receipts, Goods Returns, and Requisition Issues & Returns into Microsoft Dynamics 365 Business Central.



Microsoft Dynamics 365
Business Central

Standard Syspro 8 Solution

Standardised On Key – Syspro Integration ready and in use for Master Data sync to On Key as well as Transactional Data flow. Request for stock and spares originate in On Key, and after approved, procured and received in Syspro, it integrates actual costing and usage to On Key. Asset expenditure tracking is accurate and part of reporting.



Feature additions and improvements planned for release in May'25

On Key – Sage X3

- ▶ Master Data from Sage to On Key
- ▶ Transactional Data from On Key to Sage (Work Orders & Requisitions)



On Key – OMNI Interface

- ▶ Master Data from OMNI to On Key
- ▶ Transactional Data from On Key/MM App to OMNI (POs, Receipts, GRNs)



On Key – SAP Interface

- ▶ Master Data from SAP to On Key
- ▶ Transactional Data from On Key to SAP (Requisitions)



Sector Specific Solutions

Recent features and short term roadmap

Feature additions and improvements released in Feb'25 – Apr'25

Commercial Facilities

Packaged CMMS solutions per industry sector. Aims to **standardise implementations, eliminate inefficiencies and save time.**

- ▶ Preconfigured template database facilitating the implementation of an accurate asset register
- ▶ Best practice, efficient work management process executed with the use of mobile apps
- ▶ Supporting end user documentation and training material



Solution Description document

New document that technically describes what is included in the CF solution and the detailed user stories that are covered.

Main sections described:

- ▶ Business requirements
- ▶ High level functional requirements
- ▶ High level non-functional requirements
- ▶ Operational roles and personas
- ▶ User stories
- ▶ Solution reference architecture
- ▶ To be used as an addendum to proposals.

6. User story summary

Below table provides a summary of selected high level user stories enabled by On Key in support of a typical commercial facilities management use case for the product suite.

User story ID	User story name	Persona
US01	Manage asset lifecycle stages	Facility manager
US02	Identify and verify assets	Contractor technician
US03	Define maintenance plans	Reliability engineer
US04	Request new work	Requester Contractor technician
US05	Plan work requests	Planner
US06	Accept and quote for work	Contractor
US07	Review and accept contractor quotation	Planner
US08	Allocate work	Contractor
US09	Perform work and complete work order feedback	Contractor technician
US10	Review completed work and submit invoice	Contractor
US11	Review submitted work and approve invoice	Planner
US12	Analyse asset reliability information	Reliability engineer
US13	Perform enterprise level data analysis	Data scientist
US14	Perform centralised user identity and authorisation management	ICT manager

Standard triggers and notification templates

A library of notifications has been created. More templates will be added as required by clients.

Notification Templates

Drag from the grid to group by a field.

☐	Code	Filter	Description	Filter
☐	N001		Email to requester: Work order created	
☐	N002		Email to staff member: Work order assigned	
☐	N003		Email to staff member: Work order cancelled	
☐	N020		Email to contractor: Work order assigned	
☐	N021		Email to contractor: Quote submitted	
☐	N022		Email to contractor: Quote approved	
☐	N023		Email to contractor: Quote rejected	
☐	N024		Email to contractor: Invoice submitted	
☐	N025		Email to contractor: Work order feedback or invoice rejected	
☐	N026		Email to contractor: Credit note required	
☐	N030		Email to approver: Requisition approval created	
☐	N031		Email to approver: Requisition item approval created	
☐	N032		Email to approver: Requisition approval unlocked	
☐	N090		Email to user: Background task completed	

Feature additions and improvements released in Feb'25 – Apr'25

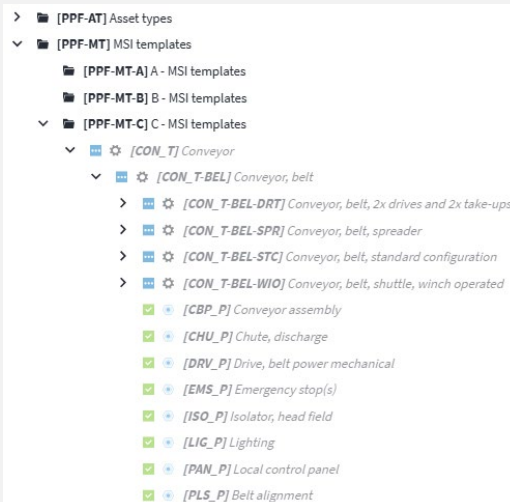
Asset Intensive Facilities

Packaged CMMS solutions per industry sector. Aims to **standardise implementations, eliminate inefficiencies** and **save time**.

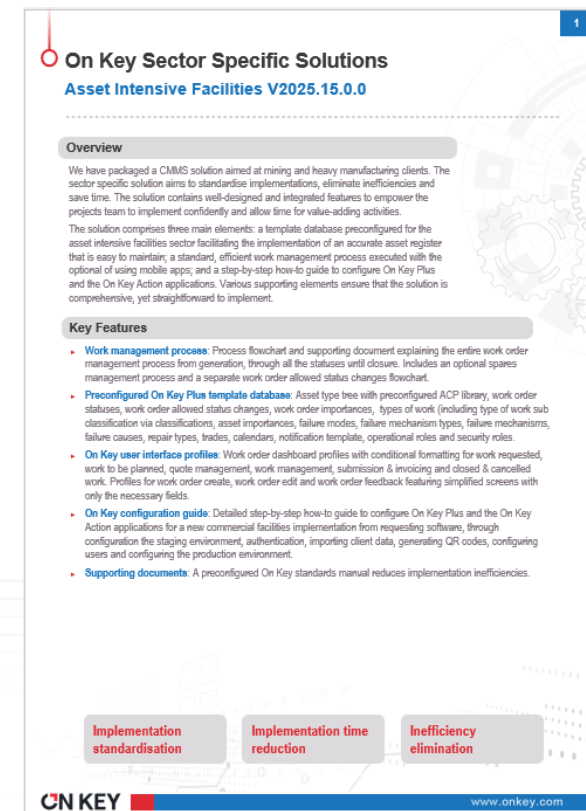
- ▶ Preconfigured template database facilitating the implementation of an accurate asset register
- ▶ Best practice, efficient work management process executed with the use of mobile apps
- ▶ Supporting end user documentation and training material

Template database configured to allow monetising of ACPs

- ▶ 137 asset types configured (eg accumulator, breather compressor, drive shaft, pump, turbo charger)
- ▶ 37 MSI templates configured (eg conveyor, hydraulic press)
- ▶ All asset types set to inactive
- ▶ Active status of asset types that client has purchased to be updated to active
- ▶ Preconfigured OKP import templates for asset type components and asset type tasks



Solution Summary one pager



Standard triggers and notification templates

A library of notifications has been created. More templates will be added as required by clients.

Notification Templates

Drag from the grid to group by a field.

☐	Code	Description
☐	N001	Email to requester: Work order created
☐	N002	Email to staff member: Work order assigned
☐	N003	Email to staff member: Work order cancelled
☐	N020	Email to contractor: Work order assigned
☐	N021	Email to contractor: Quote submitted
☐	N022	Email to contractor: Quote approved
☐	N023	Email to contractor: Quote rejected
☐	N024	Email to contractor: Invoice submitted
☐	N025	Email to contractor: Work order feedback or invoice rejected
☐	N026	Email to contractor: Credit note required
☐	N030	Email to approver: Requisition approval created
☐	N031	Email to approver: Requisition item approval created
☐	N032	Email to approver: Requisition approval unlocked
☐	N090	Email to user: Background task completed

Feature additions and improvements planned

- ▶ Commercial Facilities
 - SLA templates
 - Improved work order create, edit and feedback profiles
- ▶ Asset Intensive Facilities
 - Extension of the ACP library
 - Preconfigured template terms & conditions
 - Improved preconfigured data, including Units of Measurement
 - Training material for AIF
 - Improved work order create, edit and feedback profiles

On Key Intelligence

Recent features and short term roadmap

On Key Intelligence

Coordinated intelligence features surfaced throughout On Key to enable automation, extract insights, improved user interaction, etc.



AI Translation Service

Background

- ▶ On Key Plus has a translation backbone already available
- ▶ Enable the ability to translate the On Key Plus UI as well as phrases using Azure's AI Translation capability
- ▶ The translation model is trained using curated, contextualized phrases

Target Audience

- ▶ Local and international On Key clients
- ▶ Core On Key Plus, Action Apps and Reports could be translated

Value Add

- ▶ Front-end translations
- ▶ Phrase translations (eg. task or component descriptions)
- ▶ Supported languages so far are Chinese, Japanese, French and Portuguese
- ▶ Additional languages possible with the help of training data

On Key Insights and Reporting

Recent features and short term roadmap

Feature additions and improvements released in Feb'25 –Apr'25

On Key Reporting

A range of standard reports available to each tenant with the ability to customise existing reports or create new ones based on client requirements.



WYN Training Videos

New training videos uploaded to the Knowledge Zone to enable Pragma and Client personal to get started on writing their own WYN reports.

OKSS Knowledge
General
Core EAM Plus
Action
Integrate

+ New
Upload
Edit in grid view
Share
Copy link
Sync

Standard Reports > 2. Help Content > Wyn Enterprise > Reports Training

Name

1. WYN_User Config in OKP.m4v

2. WYN_Portal Introduction.m4v

3. WYN_Shared and External Datasets.m4v

4. WYN_Creating a Wyn Report.m4v

5. WYN_Adding a Chart a Report.m4v

6. WYN_Creating a Dataset From Two Sources.m4v

7. WYN_Create a Report from Combined Dataset.m4v

Work Order Report

- Modification was made to include the Standard Tasks for non-tactical work orders.
- Quoting and invoicing tasks will still be excluded as expected.

Follow up work required	Yes	No	Formal RCA required	Yes	No
Master Data Change Needed	Yes	No			
Equipment Downtime:					
Stop:	dd/mm/yyyy hh:mm	Start:	dd/mm/yyyy hh:mm	Total:	hh:mm
Work Completed:		Time:		Remember to remove your lockout	
Equipment relocated to workshop and disassembled or moved from site				Yes	No
				Replacement Code:	
Labour	Trade	Estimated Duration	Date	Normal Time	Overtime 1
					Overtime 2
Tasks					
Done					
Asset Path: [PRS] - Perishables Specific \ [LW] - Lancewood \ [LWG] - Lancewood George \ [LWG-PRD] - Production \ [LWG-PRD-HC] - Hardcheese \ [LWG-PRD-HC-PRC] - Processing \ [LWG_PRD_HC_PRC_L01] - Line 01 \ [GD-DO-01] - Receiving Vat					
Component Path:					
Component Path:					
01	Clean and sanitise tools prior to entering high care production facility?				
Component Path:					
02	All equipment and safety devices in good working condition and safe to operate?				



www.onkey.com



LinkedIn

Thank you

On Key Team

CN KEY