## ROKMAN Mobility Solutions

Long-time ISV Partner and 2016 Innovation Partner Award winner, Ability Solutions, continues to maximise on the strength of the FlowCentric BPM Software by enhancing the capabilities of their ROKMAN mobile platform with the business rules driven scheduling, escalation and notification features of FlowCentric Processware.

Originating in the SHEQ environment within the mining sector, Ability has seen its integrated solution adopted across a broad spectrum of industries, particularly in heavy engineering and field service.

ROKMAN is designed for real-time data capture in the workplace by way of mobile devices. The online/ offline capabilities of ROKMAN extend the reach of business process management (BPM) into areas of operations previously out of processing reach.

ROKMAN allows the user to digitise any previously paper-based process such as: incident reports; equipment inspections; planned task observations; lock outs; job cards; stores requests to name but a few. The integration between FlowCentric Processware and Ability's ROKMAN is bi-directional as it may be initiated by a FlowCentric-enabled process, pushing a form to the mobile device for completion, or conversely an offline mobile form could kick of a FlowCentric-enabled process when it is submitted. The risk of non-performance is removed by using the capabilities of FlowCentric Processware to schedule the initial task and monitor the ongoing process to completion.

A job, **J5576,** is created and on submission the job details are automatically routed to a designated user's device .The mobile device may be any Android, Apple or Blackberry smart phone or tablet, prepopulated with the job details. On selecting the dispatched job from the FlowCentric interface the end-user reviews the job


A job card being initiated in FlowCentric Processware, from the application's default interface.

Job details automatically routed to the designated user's device.
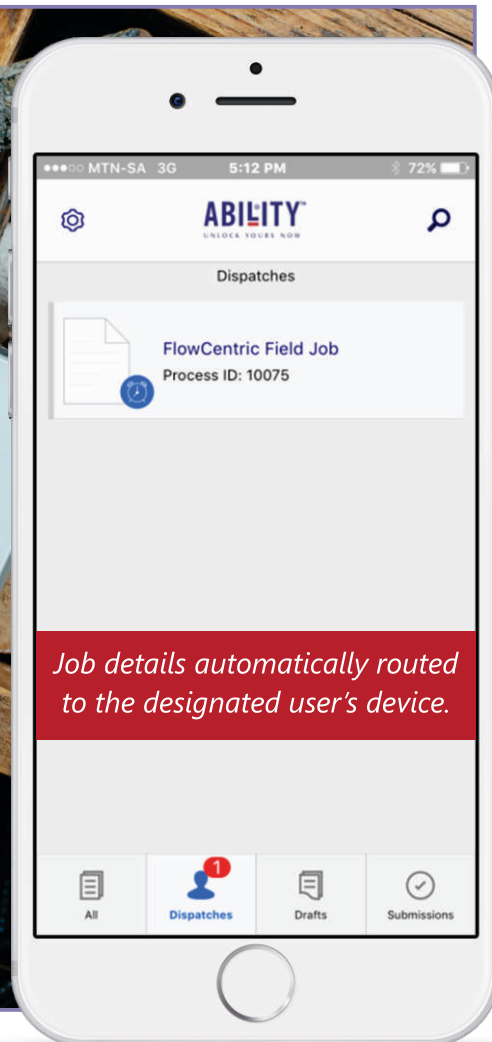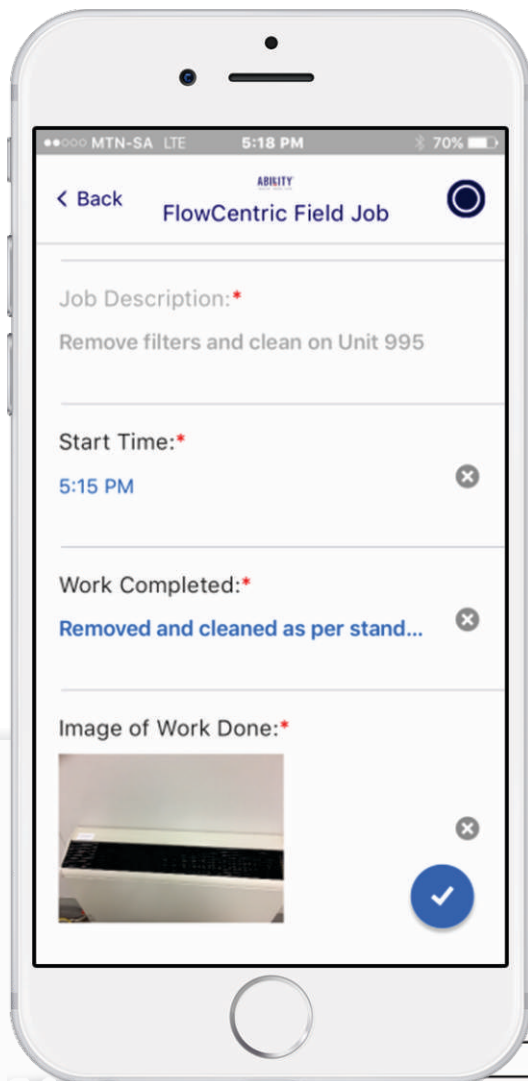
details before completing the rest of the information. The platform can greatly enhance the functionality of the previously paper-based environment by supporting imbedded pictures of deviations, digital signatures, GPS locations and freehand sketches as required for incident reporting.

On submission of the completed form the FlowCentric-enabled process continues. The job details captured in the field are reviewed and either Approved or Rejected to complete the process.

The digital equivalent of the previously paper-based form can be emailed in .PDF format to all appropriate people. The attachment can then be viewed and filed in a folder or the data may be written to a SQL database to support analytics.

> *The digital equivalent of the form can be emailed in .PDF format to all appropriate people.*

	< Back	**FlowCentric Field Job**	
Job Description:*			
Remove filters and clean on Unit 995			
Start Time:*			
5:15 PM			
Work Completed:*			
Removed and cleaned as per stand...			
Image of Work Done:*			

Service Job Card
Submission ID: 18575504
2017-04-18 17:18:44 +02:00

	Customer:	Anglo

Job Description:
Remove filters and clean on Unit 995

Start Time:	17:15:12	**End Time:**	17:50:40	**Job Duration:**	35Minutes

Work Completed:
Removed and cleaned as per standard procedures

Customers Rep:	John Olsson	**Signature:**	
Technician Name:	Pierre Fourie	**Technician Signature:**	

ROKMAN IOT Integration

Another dimension can be added by the integration of the "Internet of Things" environment. The action of monitoring a piece of equipment in the field such fuel level, temperature, pressure, and so on, can trigger off a FlowCentric-enabled process in a similar fashion as previously described. This process would in turn generate a corrective action task to the mobile platform for execution. This environment has successfully been deployed in the rental equipment environment across South Africa.
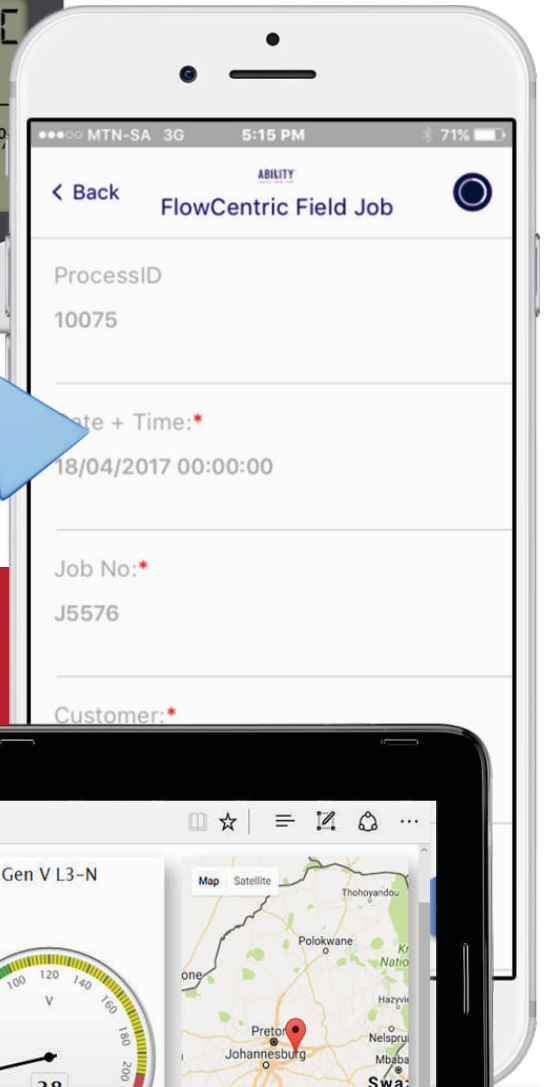
A notification is sent when a piece of equipment reaches a certain temperature, this notification triggers a corrective process for action.

The Ability IOT reporting dashboard.