

Centrik



RELEASE NOTES

Version:

V4.1

Date:

26/04/2018

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Summary

This document gives an overview of new functionality available in **Centrik Version 4.1**, including:

- New features in the **Documents Module** to make it easier for document readers and managers to locate the documents that require their attention.
- A number of significant enhancements to the **Risk Module**, including the ability to **associate safety cases and findings with risk assessments** and more flexible support for new risk methodologies.
- Enhancements to the **Safety Module**'s ECCAIRS MOR publishing, along with the ability to publish voluntary reports.
- A major overhaul of the **Tasking Module**, developed for Centrik's UAS operator clients.

Release Classification

Minor Release	<p>Minor releases include new features and enhancements to existing Centrik functionality. All changes are designed to be intuitive with no or limited re-training of users required.</p> <p>Users of the Centrik iPad app may need to resynchronise their apps to take advantage of any enhancements to offline app functionality. A minor release may occasionally require an app version update (via the App Store) to take advantage of new features, but old app versions will continue to function correctly in the meantime.</p> <p>Minor releases are communicated to all customers in advance in the form of a Release Notes document which outlines the new features and changes included in the release. Customers are provided with the Release Notes at least 3 business days before the planned deployment to their production systems and are invited to preview the release on their Test Systems.</p>
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Documents Module

'My Documents to Read'

Centrik now offers users who have access to the Documents module, a new page 'My Documents to Read' as a single page to view all documents that are pending to be read by the user. This greatly enhances a user's visibility of the documents that require their attention, negating the need to navigate across different document subsystems and types.

Once on the page the user can access the documents and "Mark As Read" as usual.

The screenshot shows the 'My Documents to Read' page. At the top, there is a search bar and a dropdown menu set to 'Unread Documents'. Below this is a table of documents. The table has columns for Status, #, Valid Thru, Download, and Mark As Read. The documents are color-coded: red for overdue, yellow for due, and green for future. Callouts explain these categories.

Status	#	Valid Thru	Download	Mark As Read		
New	OMP.A	Until withdrawn	PDF	Mark As Read		
New	OMP.B	Until withdrawn	PDF	Mark As Read		
New	OMP.C	19/03/2018	Until withdrawn	PDF	Mark As Read	
New	OMP.D	26/03/2018	Until withdrawn	PDF	Mark As Read	
New	OMP.E	26/03/2018	Until withdrawn	PDF	Mark As Read	
New	OMP.F	Operations Manual Part F	26/03/2018	Until withdrawn	PDF	Mark As Read
New	OMP.G	Operations Manual Part G	04/04/2018	Until withdrawn	PDF	Mark As Read
New	OMP.H	Operations Manual Part H	04/04/2018	Until withdrawn	PDF	Mark As Read
New	OMP.I	04/04/2018	Until withdrawn	PDF	Mark As Read	

Callouts from the image:

- New documents that are overdue for reading are marked in red
- New documents that are due for reading are marked in yellow
- New documents that are due for reading in future are marked in green

The 'My Documents to Read' page defaults to unread documents but users can also review already read documents by choosing "Unread/Read" dropdown at the top of the page.

The screenshot shows the 'Personal Status' widget. It has a title 'Personal Status' and a sub-title 'My Documents to Read'. Below this, there are three colored circles with the number 3 inside: green, yellow, and red. Below that, there are three more colored circles with the number 3 inside: green, yellow, and red. Below that, there is one green circle with the number 3 inside. A callout explains that this summary is shown on the user's dashboard/home page. There is a 'View/Add' button.

Callout from the image:

- Summary of documents to read is shown on the user's dashboard / home page

This page can be accessed from the Personal Dashboard as well as from the Document Landing page.

'My Documents for Update'

Centrik also now offers users who have permissions to Manage Documents, a new page 'My Documents for Update' as a page to view all documents that require update by the user (i.e. documents that the user is Creator, Owner or a Reviewer of that are soon to expire or have expired).

This page defaults to an Overdue/Due status. Documents that are overdue for update based on expiry date or the next review date having passed are considered overdue and appear at the top of the page with the Expiry Date or the Next Review date marked in red. Documents with an upcoming expiry date or next review date are considered due and appear following the overdue documents with the expiry or next review date marked in yellow.

The user can edit documents via this page and update the documents as required.

Select the documents shown based on status

Overdue documents appear with Valid Thru or Next Review dates marked in red

Due documents appear with Valid Thru or Next Review dates marked in yellow

Status	Title	Owner	Valid From	Valid Thru	Next Review	Actions
Expired	Operations Manual Part D	Joey Bloggs	26/03/2018	04/04/2018		Edit
Expired	Operations Manual Part E	Joey Bloggs	04/04/2018	04/04/2018		Edit
Expired	Operations Manual Part F	Joey Bloggs	04/04/2018	04/04/2018		Edit
Expired	Operations Manual Part G	Joey Bloggs	26/03/2018	04/04/2018		Edit
Expired	Operations Manual Part H	Joey Bloggs	26/03/2018	04/04/2018		Edit
Expired	Operations Manual Part I	Joey Bloggs	04/04/2018	04/04/2018		Edit
Read	Operations Manual Part J	Joey Bloggs	19/03/2018	10/04/2018		Edit
Read	Operations Manual Part K	Joey Bloggs	19/03/2018	10/04/2018		Edit
Read	Operations Manual Part L	Joey Bloggs	19/03/2018	10/04/2018		Edit

This page can be accessed from the Personal Dashboard as well as from the Document Landing pages.

Personal Status

- My Documents to Read: 11
- My Documents for Update: 3 (yellow) 6 (red)
- Notices: 1 (red)
- CM&S Notices: 1 (red)

Summary of documents to update is shown on the user's dashboard / home page

Risk Module

The Risk module sees a number of significant enhancements with this release, simplifying use of risk assessments and adding the ability to assign safety events and findings to Risks in the Risk Register, whilst also supporting new risk methodologies.

Simplified three-stage Risk Assessment page

To simplify the Risk Assessment page, we have divided it into its three distinct stages (Set-Up, Evaluation and Decision). The familiar Centrik chevrons at the top of each stage tell you which stage you are currently looking at.

Jet Black → Risk Assessment: Airspace / ATZ Infringement Centrik Adam Ross

Operational Risk: Risk Assessments > Risk Assessment: Airspace / ATZ Infringement

Set-Up Evaluation Decision

Risk Assessment Details

Number	Name	
ATC 101	Airspace / ATZ Infringement	
Description		
Department		
Air Traffic Control		
Assessment Methodology	Assessment Recurrence	
Hazards with Consequences	Repeated	

Status

In Progress

Review Details

Last Conducted On	Next Due By	Reviewer
08/03/2018	31/03/2019	Roberts, Alex
Confidentiality	Sign-Off by	
Visible to everyone		

Reference Files

Add Attachment

Edit Copy New Version Release Actions Move Download

Home Documents Handover Safety Compliance Management **Risk** Equipment Forms Training Devices Config Contacts

Jet Black  Risk Assessment: Airspace / ATZ Infringement Centrik Adam Ross

Operational Risk > Operational Risk: Risk Assessments

Set-Up Evaluation Decision

Risk Assessment Number: ATC 101 Name: Airspace / ATZ Infringement

In Progress

Hazards Summary

Hazard	Assess	Assessment Before Action Highest Score	Assessment After Action Highest Score	Actions
Airspace Infringement - inbound VFR traffic	Assess	100	100	1
Airspace Infringement - outbound VFR traffic	Assess	100	100	
Airspace Infringement - outbound IFR traffic	Assess	-	-	
ATZ Infringement	Assess	40	40	
Highest Score:		100	100	

Related SMS Cases: [Empty] Action Status: In

[Edit](#) [Copy](#) [New Version](#) [Download](#)

Home Documents Handover Safety Compliance Management **Risk** Equipment Forms Training Devices Config Contacts

The 'Evaluation' stage contains the assessment of risk for a particular Risk Assessment. This is usually broken down as a list of Hazards or SIRAs (depending on methodology).

Jet Black  Risk Assessment: Airspace / ATZ Infringement Centrik Adam Ross

Operatio... Risk Assessment: Airspace / ATZ Infringement Risk Assessment: Airspace / ATZ Infringement

Set-Up Evaluation Decision

Risk Assessment Number: ATC 101 Name: Airspace / ATZ Infringement

In Progress

Decision

Continue Comments: [Text Area]

Assessment Actions [+ Add Action](#)

Submission Submitted by: [Text] Submitted on: [Text] [Submit for Review](#)

Sign-Off Signed off by: [Text] Signed off on: [Text] Sign off

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Home Documents Handover Safety Compliance Management **Risk** Equipment Forms Training Devices Config Contacts

The 'Decision' stage contains the conclusion of a Risk Assessment, including the decision (Stop, Continue, etc) and sign-off status.

Easily build your Risk Register with Safety Cases and Findings linked to Risks

Centrik V4.1 offers the ability to link the Risk, Safety and Quality/Compliance modules, and combine the proactive risk management in the Risk module with the more reactive management of incidents and the performance of mitigating controls as assessed in Quality. This link makes it possible to

- Associate safety cases and findings with risk assessments and individual hazards in these assessments
- See the actual incidents and findings (and their score) alongside the risk assessment score
- Navigate easily from the risk assessments to cases and findings that are relevant to this risk
- Update the classifications available for cases and findings by adding new risk assessments and hazards

Typical risks in the Risk system would be the “CAA Significant seven”, or the operator specific hazard log.

This functionality could replace hazard logs kept in the safety system, and we encourage you to work with our support team to enable this function, and get the best out of the integration Centrik can offer.

The screenshot displays the Centrik interface for a case titled "LASER ATTACK ON HELICOPTER". At the top, a progress bar shows stages: Capture, Classify Risk, Publish, Investigate, SIRA, Act, Monitor, and Closed. Below this is a table with the following data:

Number	Date/Time	Type	Title	Risk Score
000983	04/02/2018	ATC 01 - ATC Oc	LASER ATTACK ON HELICOPTER	21

The "Assessment Result" section shows a "Yellow (Score: 21)" status. The "Categories" section includes dropdown menus for "Class of Aircraft" (Rotary), "Risk Category" (Other), "Please Specify" (Laser Attack), "Location" (Airside), "Link to Company Risk Register" (Laser Attack), and "Hazard or SIRA" (Laser Attack on an Aircraft). A callout box states: "When categorising the Case or Finding, a new option may be configured allowing association with a Risk Assessment and Hazard to be selected". The "Classify Risk" section contains text prompts for accident outcomes and barriers. At the bottom, a navigation bar includes icons for Home, Documents, Handover, Safety, Compliance, Management, Risk, Equipment, Forms, Training, Devices, Config, and Contacts.

The screenshot shows the 'Risk Assessment: Laser Attack' page. At the top, it displays 'Operational Risk: Risk Assessments' and the user 'Adam Ross'. The main content area is divided into three sections: 'Risk Assessment', 'Hazards Summary', and 'Related SMS Cases'.
 - **Risk Assessment:** Shows 'Number: ATC 628' and 'Name: Laser Attack'. A yellow banner indicates the status is 'In Progress'.
 - **Hazards Summary:** Lists hazards such as 'Laser Attack on an Aircraft' and 'Laser Attack on the Control Tower'. A table shows scores before and after action. A callout box states: 'On the Risk Assessment page, all linked Cases and Findings are listed, for easy reference when evaluating and scoring the risk'.
 - **Related SMS Cases:** A table of cases with columns for No, Date, Type, Title, Flags, Score, SIRA Result, Overdue, In Progr., and Closed. Three cases are listed under 'Phase: Closed (4)'.
 - **Footer:** Includes navigation icons for Home, Documents, Handover, Safety, Compliance, Management, Risk, Equipment, Forms, Training, Devices, Config, and Contacts. Action buttons for Edit, Copy, New Version, and Download are also present.

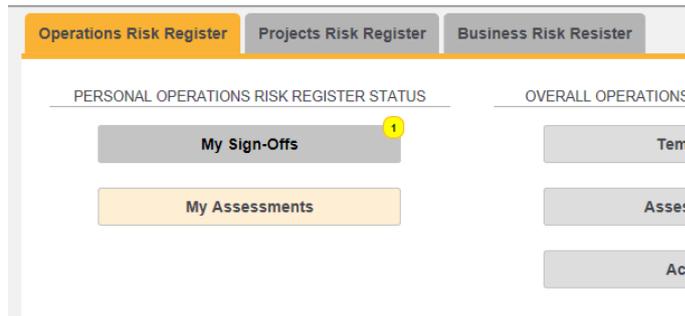
Centrik Support are able to configure this feature as required.

Risk Assessments requiring sign-off flagged on user Home Page

Risk Assessments that have been submitted and which are now requiring signoff are notified to the "Sign-Off by" manager by email, and appear as actionable items in the Personal Status section of their Home Page.

The screenshot shows the 'Personal Status' section of a user's home page. It contains several categories with notification counts:
 - **Company Manuals:** 8 notifications (red circle)
 - **Actions:** 1 notification (yellow circle) and 3 notifications (red circle)
 - **Risk assessments requiring my sign-off:** 1 notification (yellow circle)
 - **Actions assigned by me:** 0 notifications (green circle)
 - **Handovers:** 0 notifications (green circle)
 - **Show additional items for Personal Status:** 0 notifications (green circle)
 Buttons for 'View/Add' are present for the 'Actions assigned by me' and 'Handovers' sections.

It is also flagged up on the new "My Sign-Offs" button on the Risk module landing page.



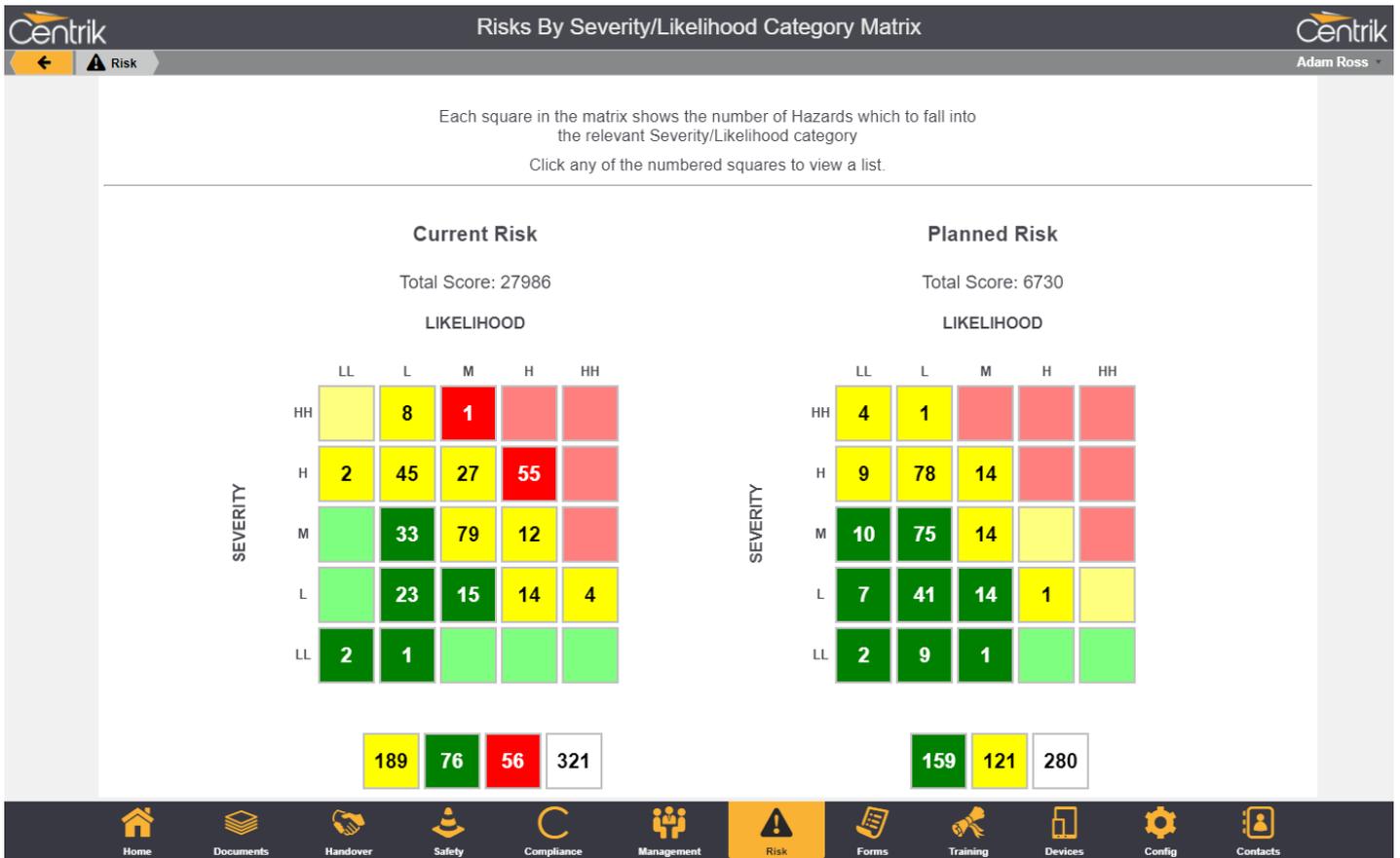
New Residual Risk visualisation

The new Residual Risk view makes it much easier to see the hazards associated with the selected Risk Assessment – see illustration below.



New 'Risk Matrix' visualisation

The Risk Matrix view, showing numbers of Hazards classified by their severity and likelihood scores – previously only available to Business Risk subsystems – is now available for all Risk subsystems. This allows easy gauging the effectiveness of your proposed mitigation activity, by comparing Before and After positions.



Clicking any of the numbered squares leads to a page detailing each of the assessment and hazards for that classification.

Optional addition of rationales to consequence scoring

Centrik now provides (optionally) the ability to justify the rationale for your assessment of likelihood and severity within a risk assessment making this even more robust and auditable.

The screenshot shows the 'Hazard Details' page for 'Engine Failure'. A 'Risk Matrix' dialog is open, displaying a grid of likelihood and severity scores. Two callouts point to the 'Improbable (L)' cell and the 'Catastrophic (HH)' cell, highlighting the 'Rationale for selected likelihood' and 'Rationale for selected severity' fields respectively.

Severity	Likelihood				
	Extremely Improbable (LL)	Improbable (L)	Remote (M)	Occasional (H)	Frequent (HH)
Negligible (LL)	1	1	1	1	1
Minor (L)	2	4	10	40	100
Major (H)	5	10	40	100	300
Catastrophic (HH)	20	40	100	300	1000

Support for custom Risk methodologies

Consequence assessment options

In addition to the familiar two-level "Before mitigation" and "After mitigation" consequence assessments, Centrik may now be tailored to support risk methodologies with single or three-level consequence assessments.

The screenshot shows the 'Consequence' assessment table. It includes columns for 'Consequence', 'Current Mitigation', 'Main Impact', 'Current Risk' (with sub-columns for Severity and Likelihood), and 'Planned Risk' (with sub-columns for Severity and Likelihood). A callout points to the 'Current Risk' and 'Planned Risk' columns, indicating a 'Default two-level consequence assessment'.

Consequence	Current Mitigation	Main Impact	Current Risk		Planned Risk	
			Sev. Likel.	Sev. Likel.		
Possible damage sustained to helicopter and injury to occupants	The aircraft will be flown with accordance with Performance Class 1/2/3 requirements at all times.	General	HH L 100	LL L 1		
Highest Score:			100	1		

Default two-level consequence assessment

Consequence	Consequence	Current Mitigation	Main Impact	Planned Risk	
				Sev.	Likel.
Add	Possible damage sustained to helicopter and injury to occupants	The aircraft will be flown with accordance with Performance Class 1/2/3 requirements at all times.	General	LL	L
	Highest Score:				1

Optional one-level consequence assessment

Consequence	Consequence	Current Mitigation	Main Impact	Inherent Risk		Current Risk		Planned Risk	
				Sev.	Likel.	Sev.	Likel.	Sev.	Likel.
Add	Possible damage sustained to helicopter and injury to occupants	The aircraft will be flown with accordance with Performance Class 1/2/3 requirements at all times.	General	HH	LL	HH	L	LL	L
					50	100	1		

Optional three-level consequence assessment

Terminology

The terminology for these consequence assessments and many other areas of Risk may be tailored to your preferred risk methodologies. To change from the default terminology, please contact Customer Support.

Score aggregation options

Centrik now makes it easier to tailor rules used when it comes to aggregating individual risk scores. Choose between "Worst Case" or "Compound" aggregation for both Consequences and Hazards, to ensure that your overall aggregated score for each Risk Assessment is as accurate as it can be for your organisation and methodology.

Note that each Risk Subsystem can define its own aggregation method, so what works for Flight Ops may be different from Maintenance or Business Risk.

Business Risk options

Some of the features of the specialised Business Risk subsystem (introduced last year) have now been incorporated for general use: a "Confirm Reviewed" button, "Expected completion date", additional "Risk Response", "Current Status" and "Risk Proximity" fields – these are all now individually configurable for any subsystem.

Safety Module

Ability to submit ECCAIRS-compliant voluntary occurrence reports

In addition to Mandatory Occurrence Reports (MORs), Centrik now allows operators to submit ECCAIRS-compliant voluntary reports to their regulatory authority. A voluntary report may be submitted for any case that is not marked as an MOR.

The screenshot shows the Centrik interface for a 'Case Publish: Heavy Landing'. The top navigation bar includes 'Safety' and 'Safety Case List'. A progress bar at the top indicates the current phase is 'Publish', with other phases like 'Capture', 'Classify Risk', 'Investigate', 'SIRA', 'Act', and 'Monitor' shown as completed or in progress. Below the progress bar is a table with the following data:

Number	Date/Time	Type	Title	Risk Score
000544	08/11/2017	HAZ-01 - Flight H	Heavy Landing	21

Below the table, there is a section for 'Case delegated to' with the name 'Kennerley, John'. The main content area is divided into several sections:

- Narrative:** Contains a 'Public Narrative' section with text describing the incident. A callout box points to this section with the text: "Non-MOR reports can now be published from the Publish tab. The process is identical to submitting MORs, but without the follow-up reminders."
- Comments:** Labeled 'Safety Manager Comments', with an empty text input field.
- Submission to Authority:** Features a 'Submit Voluntary Report' button.
- Export:** Offers two options: 'Summary (PDF)' and 'All Phases (PDF)', each with 'Download' and 'Send as E-mail' buttons.

At the bottom of the interface, there is a navigation bar with icons for Home, Documents, Handover, Safety (highlighted), Compliance, Management, Risk, Forms, Training, Devices, Config, and Contacts. A status bar at the bottom indicates 'Publish Phase Complete'.

ECCAIRS mapping updates

Centrik ECCAIRS (E5X) output for mandatory and voluntary reports has been updated to align with the latest EASA and NAA guidance. These updates have been made in consultation with and validated by the UK CAA, but will apply equally to other NAAs using ECCAIRS.

We recommend that operators using Centrik for ECCAIRS reporting undertake a review of their SMS forms to ensure that all mandatory fields are included for each type of occurrence. Centrik Support are available to assist with this, and are able to quickly build compliant forms using a set of standard sections.

A summary of the data mapping updates is provided below for reference:

E5X DATA FIELD	CHANGE MADE
Report_Identification	Replaces Tracking_Sheet_Number, populated with the Centrik report number
Report_Status	Used to reflect the status of the report submission chosen within Centrik: <ul style="list-style-type: none"> - Closed On Issue (new report not requiring any follow-up) - Open (open report requiring follow-up) - Closed
Reporting_form_type	Used to specify the type of reporting form used. This is configured as part of form set-up by Centrik Support.
Report/FileName	Used to list the attachment filenames provided with the report (if any) for reference inside the E5X.
Reporting_Entity	The AdditionalText attribute is now populated with the operator name.
Reporter_S_Description	Replaces Narrative_Text as the E5X field used to contain the Centrik 'Public Narrative' (from case Publish tab).
Reporter_S_Language	Replaces Narrative_Language as the E5X field used to specify the language of the report. By default, this field does not appear on any report forms and is automatically set to English – but forms may be configured to allow reporters to choose alternative languages should you require (and have agreed this with the NAA).
Risk Assessment	Contains the Centrik 'Comments on the assessment of this risk' field (from case Classify tab).

UAS Tasking Module

The new UAS Tasking module contains many important enhancements with much more functionality for UAS operators working both in the office and in the field.

New Tasking Overview

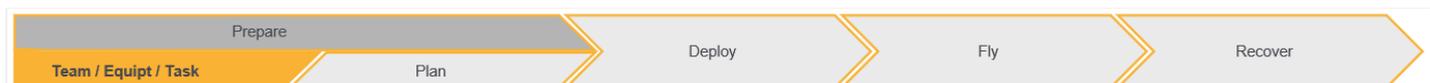
Managers will now be able to see what Phase tasks are in with a new overview page which can be sorted by task, client, date, phase or status. Tasks are either Open or Completed and when Open, their phase status is shown.

Below you can see two tasks are being prepared, one is ready to start its Deployment checks and three tasks are ready to be flown. A pilot in the field need only look for the appropriate task in the Fly Phase to start his Pre-flight checks and begin flying.

The screenshot shows the 'Tasking' interface with a navigation bar at the top containing a drone icon, the title 'Tasking', and the user name 'Adam Ross'. Below the navigation bar is a table of tasks. The table has columns for Task, Client, Phase, Dates (From and To), and Status. There are two sections: 'Status: Open (6)' and 'Status: Completed (21)'. The 'Open' section lists six tasks with their respective clients and phases. Below the table is a '+ Add Task' button, which is highlighted by an orange callout box with the text 'Create a new Task here'. At the bottom of the interface is a navigation menu with icons for Home, Documents, Safety, Audit, Management, Risk, Equipment, Operations (highlighted), Training, Devices, Demo, and Contacts.

Task	Client	Phase	Dates		Status
			From	To	
Status: Open (6)					
Tartan Alpha Underdeck Inspection	Shell	Fly	29/03/2018		Open
Recurrent Training	N/A	Fly	02/04/2018	04/04/2018	Open
Greenacre Solar Farm	Greenacre	Deploy	09/04/2018	10/04/2018	Open
ADNOC Flare Tip	ADNOC	Fly	15/04/2018	18/04/2018	Open
Texton Delta Flare Tip Inspection	Conoco Phillips	Prepare	15/04/2018	19/04/2018	Open
Flight Assessment	N/A	Prepare	23/04/2018	24/04/2018	Open
Status: Completed (21)					

Each task is conducted in 4 simple Phases (which can be renamed) - **Prepare, Deploy, Fly, Recover.**



Prepare Phase

Team / Equipment / Task selection

When a new task is created, the Prepare phase begins by completing the task details section. Participants can be added, along with the role(s) they will be performing on the task, followed by the equipment required for the task. The task requirement and any attachments at this stage can be added at the bottom of the page.

Task Capture: Tartan Alpha Underdeck Inspection

Adam Ross

Prepare ✓ | Plan | Deploy ✓ | Fly | Recover

Task

Name: Tartan Alpha Underdeck Inspection | Method Statement: Under Deck Inspection MS | Client: Shell

Date From: 29/03/2018 | Date To: []

Participants

Participant	Roles
Jones, Steve	Payload Operator Remote Pilot
Redhill, Steve	Observer
Williams, Peter	Payload Operator Remote Pilot

Equipment

Platforms	Payloads	Ground Control Stations	Batteries
<input checked="" type="checkbox"/> F8T-003	<input checked="" type="checkbox"/> IR 001	<input checked="" type="checkbox"/> MCS 001	<input checked="" type="checkbox"/> F8 002
			<input checked="" type="checkbox"/> F8 003

Description

A full underdeck inspection of the platform using previous imagery as a start point. GVI with near CVI of anomalies,

1. Task details

2. Add task participants (operators, pilots, observers, etc)

3. Add equipment

4. Capture requirement

Home | Documents | Safety | Audit | Management | Risk | Equipment | Operations | Training | Devices | Demo | Contacts

Task planning

In the plan sub-phase, you can attach documentation to build up a folio of task information such as client work packs, travel details and previous imagery. With your Method Statement saved at the top of the page, you can then start your associated Risk Assessment.

Task Plan: Tartan Alpha Underdeck Inspection

Prepare ✓ | **Plan** | Deploy ✓ | Fly | Recover

Team / Equip / Task

Task	Name	Method Statement	Client
	Tartan Alpha Underdeck Inspection	Under Deck Inspection MS	Shell

Standing Method Statements	Attachment Title	Files
	Under Deck Inspection Method Statement	Method_Statement.pdf Download

Specific Method Statement

Specific Method Statement
A full underdeck inspection of the platform using previous imagery as a start point. GVI with near CVI of anomalies,

Attachment Title	Actions	Files
Client Work Pack	Details	Client Work Pack.pdf Download
Tartan Alpha Previous Imagery	Details	Tartan Alpha Previous Imagery.pdf Download
Team Travel Documents & Travel Plan	Details	Team Travel Documents & Itinerary.pdf Download

[Add Attachment](#)

Required Risk Assessments	Risk Assessment	Reason Required	Actions	Result
	006. RA for Tartan Alpha Underdeck Inspection	Method Statement: Under Deck Inspection MS	Show	OK

[+ Add Risk Assessment](#)

[Edit](#) [Delete](#)

Home Documents Safety Audit Management Risk Equipment **Operations** Training Devices Demo Contacts

When planning a task, you can now conduct a risk assessment using Centrik's upgraded risk module, which uses industry standard methodology to comprehensively help you manage and avoid risk. Once complete, this can be printed and sent to clients but it remains saved within the task for completeness. Clicking on the start Risk Assessment button will take you through the process of assessing risks, making decisions and giving approvals in 3 simple steps: Set-Up, Evaluation, Decision.

Centrik
Risk Assessment: RA for Tartan Alpha Underdeck Inspection

Tasking
Adam Ross

Set-Up

Evaluation

Decision

Risk Assessment

Name

RA for Tartan Alpha Underdeck Inspection

Completed

Hazards Summary

		Current Risk Highest Score	Planned Risk Highest Score	Actions
<input checked="" type="checkbox"/> Hazard				
<u>Turbulence</u>	Assess	300	4	
<u>Magnetic Inteference</u>	Assess	300	10	
<u>SIMOPS</u>	Assess	300	2	
<u>Unauthorised persons</u>	Assess	40	2	
Highest Score:		300	10	

Add
 Show archived Hazards

Current Assessment

Improve

Comments

Happy that all hazards have been identified

Actions

+ Add Action

Planned Assessment

Accept

Comments

Happy with mitiqation measures in place but need to be confirmed on the day.

Edit
Download

Home
Documents
Safety
Audit
Management
Risk
Equipment
Operations
Training
Devices
Demo
Contacts

Deploy Phase

Once the plan phase is complete, a green tick will appear. This tells you that your deployment checks can now be started under the deploy phase. These checks ensure that you and your equipment are ready for the task. Checks are easily configurable in Centrik. Once all checks are complete, a green tick will appear against the Deploy Phase

Task Check-Out: Tartan Alpha Underdeck Inspection

Prepare ✓ | **Deploy ✓** | Fly | Recover

Task	Name	Method Statement	Client
	Tartan Alpha Underdeck Inspection	Under Deck Inspection MS	Shell

Required Checks	Class	Equipment	Check	Actions	Result
			Ancillary PDC	Show	Completed
	Platform	F8-T	F8T-003 UAS PDC	Show	Completed
	Payload	IR Camera - DC1412	IR 001 Payload PDC	Show	Completed
	Ground Control Station	MCS	MCS 001 GCS PDC	Show	Completed
	Battery	Astec Batt 6250	F8 002 Battery PDC	Show	Completed
	Battery	Astec Batt 6250	F8 003 Battery PDC	Show	Completed

The new Tasking Module includes an enhanced user interface for completing checks. Most checks are simply OK/Fail with any Failures offering a text box to give an explanation. Equipment checks are set to OK/Fail/Defect allowing you to raise a defect straight away if needed.

Checklist: Ancillary PDC

Tasking | Task Check-Out: Tartan Alpha Underdeck Inspection

Task and Equipment	Name	Method Statement	Client
	Tartan Alpha Underdeck Inspection	Under Deck Inspection MS	Shell

Ancillary PDC	Description	User	Date	Ok	Fail
	All PPE correct	Williams, Peter	29/03/2018 08:44	Ok	Fail
	Logistics arranged (personnel & equip)	Williams, Peter	29/03/2018 08:44	Ok	Fail
	Personal equipment ready (inc passports, visas etc)	Williams, Peter	29/03/2018 08:44	Ok	Fail
	RAMS Complete	Williams, Peter	29/03/2018 08:44	Ok	Fail
	Authorised by Ops Manager	Director, Operations	29/03/2018 08:44	Ok	Fail

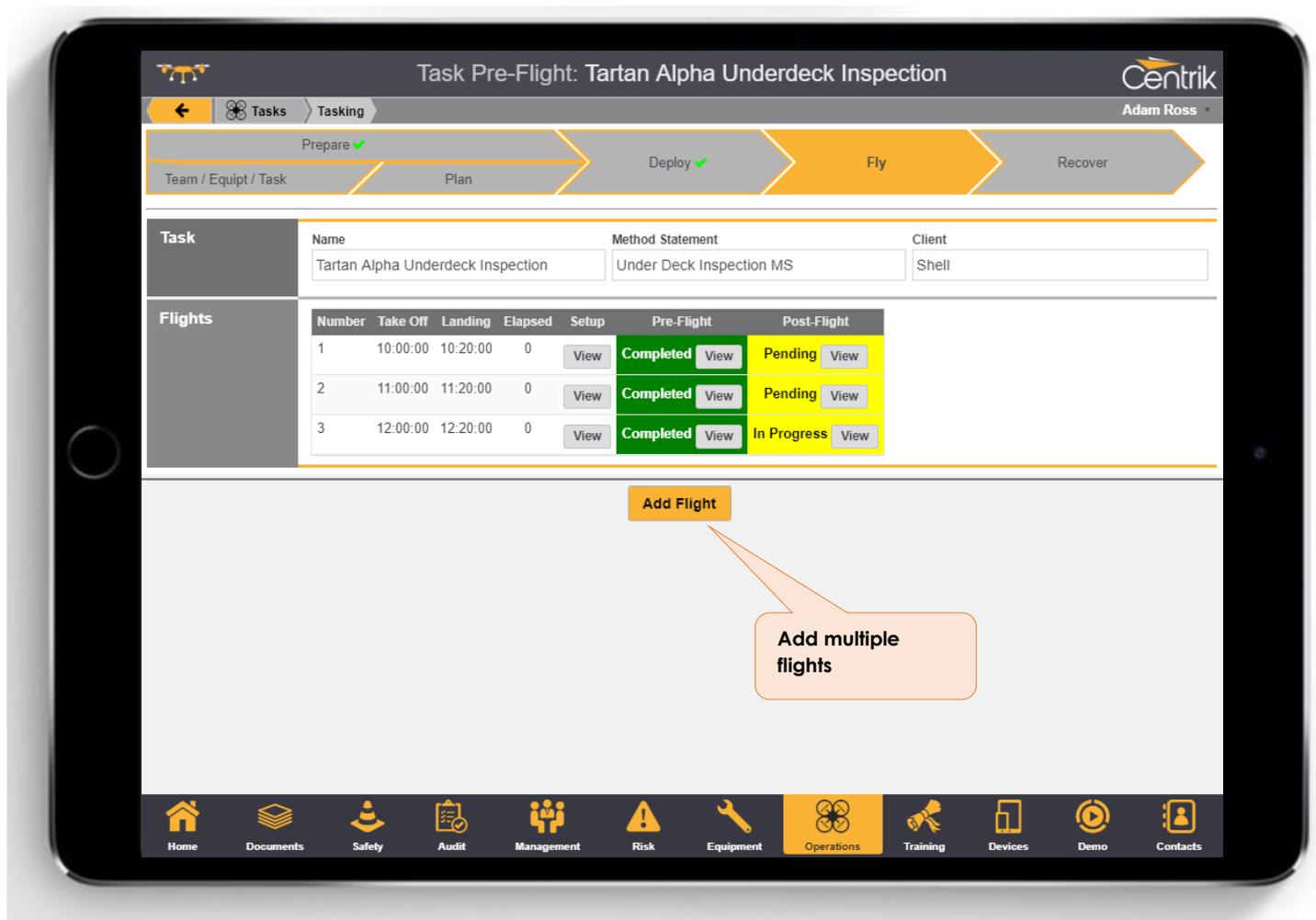
Back to Task

Fly Phase

Pre-Flight

The fly phase is designed to be used in the field and so it displays very well on any tablet. (Note that internet connectivity is required – as a future version of Centrik will incorporate flight planning software that will provide live NOTAMs etc).

When in the field, click Add Flight to begin your pre-flight checks easily. Once all pre-flight checks are done put your tablet down and go and fly, without the worry of paper records getting lost or damaged the field.



Task Pre-Flight: Tartan Alpha Underdeck Inspection Centrik Adam Ross

← Tasks Tasking

Prepare ✓ Deploy ✓ Fly Recover

Team / Equip / Task Plan

Task	Name	Method Statement	Client
	Tartan Alpha Underdeck Inspection	Under Deck Inspection MS	Shell

Pre Flight Checks	Class	Equipment	Check	Actions	Result
Payload	IR Camera - DC1412	IR 001	Payload Pre-Flight Check	Show	Completed
			Start Up Checks	Show	Completed
Ground Control Station	MCS	MCS 001	GCS Pre-Flight Check	Show	Completed
			Pre-Launch Checks	Show	Completed
Battery	Astec Batt 6250	F8 002	Battery Pre-Flight Check	Show	Completed
Platform	F8-T	F8T-003	UAS Pre-Flight Checks	Show	Completed

→ Post Flight All Flights

Checklist: Payload Pre-Flight Check Centrik Adam Ross

← Tasking Task Pre-Flight: Tartan Alpha Underdeck Inspection

Task and Equipment	Name	Method Statement	Client
	Tartan Alpha Underdeck Inspection	Under Deck Inspection MS	Shell
	Payload	IR 001	

Payload Pre-Flight Check

1	Camera Condition Ross, Adam	05/04/2018 18:00	Ok Defect
	Rectified Camera Lens misted internally		
2	Fixed, gimbal mounting rotating in all axis Ross, Adam	05/04/2018 18:00	Ok Defect
3	Record function test Ross, Adam	05/04/2018 18:00	Ok Defect

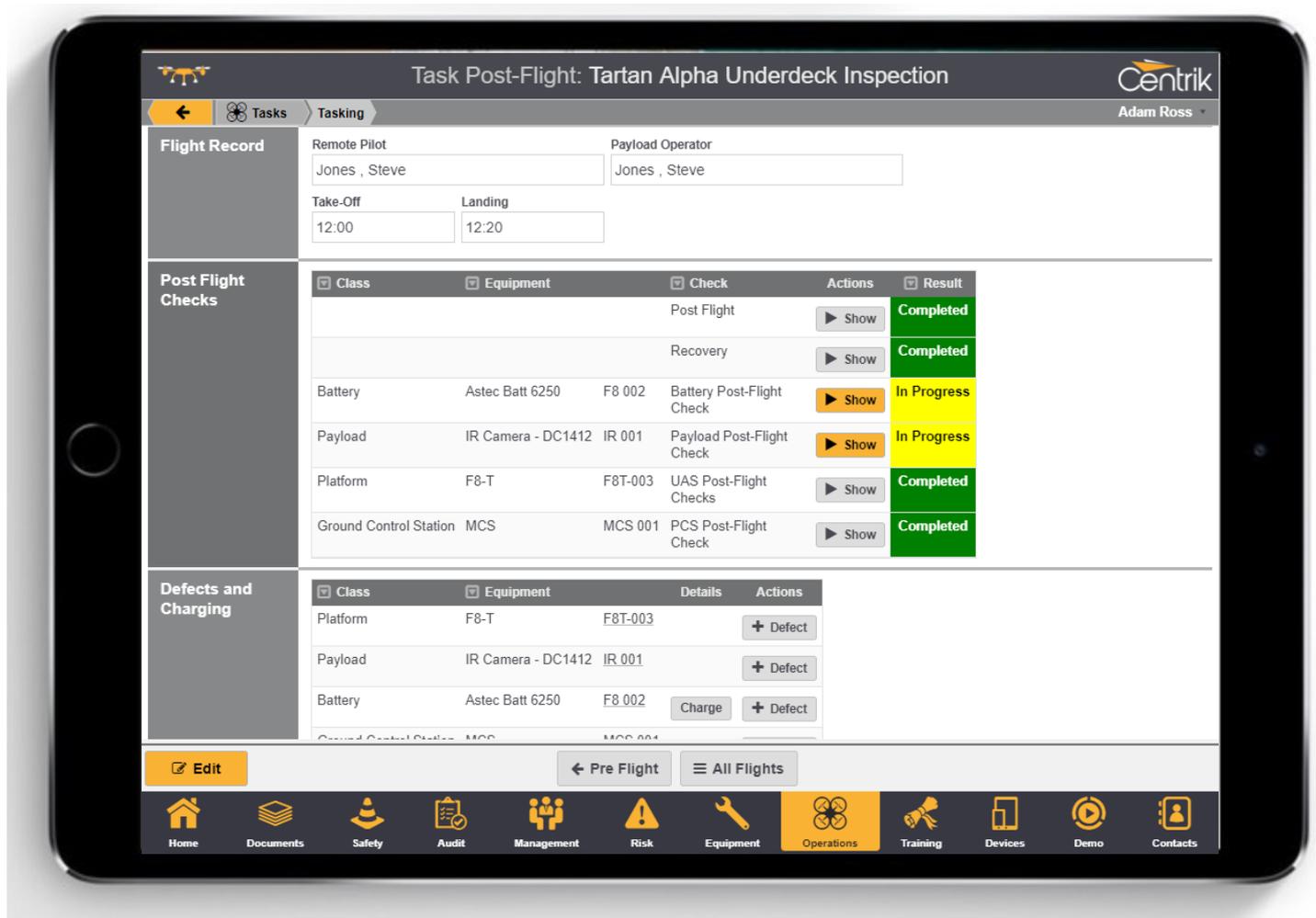
Back to Task

Easy pre-flight checks

Home Documents Safety Audit Management Risk Equipment **Operations** Training Devices Demo Contacts

Post-Flight

Once your flight is complete, click on Post Flight to add flight times, charge batteries, add defects and to complete post flight checks. If you wish, you can also wait until you get back to the office and do this in the Recover Phase.



Adding flight times automatically updates personal flight log books, Flight Time Limitations, UAS usage, payload and battery usage, which will save you a huge amount of time.

Recover Phase

When you return to the office you can complete the post-deployment checks on the equipment before you store it away for the next task. You can add additional flights; record battery charging and add defects if you hadn't done so in the field. Once done, simply click "Task Completed" to flag that no more work is required for this task. Completed tasks are removed from the "Open Tasks" area of the system in order to keep your view of ongoing work clear.

Task

Name: Tartan Alpha Underdeck Inspection | Method Statement: Under Deck Inspection MS | Client: Shell

Equipment Usage

Class	Equipment	Flights/Journeys	Hours	Charged	Details	Actions
Payload	IR Camera - DC1412	3	1:00			+ Defect
Battery	Astec Batt 6250	2	0:40	0	Charge	+ Defect
Platform	F8-T	3	1:00		Flights/Journeys	+ Defect
Ground Control Station	MCS	3	1:00			+ Defect
Battery	Astec Batt 6250	1	0:20	0	Charge	+ Defect

Required Checks

Class	Equipment	Check	Actions	Result
Platform	F8-T	F8T-003 UAS Check In	Show	Completed
Battery	Astec Batt 6250	F8 002 Battery Check In	Show	Completed
Battery	Astec Batt 6250	F8 003 Battery Check In	Show	Completed
Payload	IR Camera - DC1412	IR 001 Payload Check-In	Show	In Progress
Ground Control Station	MCS	MCS 001 GCS Check In	Show	Completed

Defects

Equipment	Defect	Deferred	Rectified
IR Camera - DC1412	IR 001 Camera lens misted internally		Equipment Manager

Task Completed

Callouts:

- Flight and defect recording
- Equipment check-in checks
- Complete the task

There is more updated functionality in this new module than is described here. If you are interested in implementing the new Tasking features within your system, it is recommended that you contact Centrik Support to arrange further training and a consultation on how to get started.

Support

Please do not hesitate to get in contact with the Centrik support team, who will be more than happy to assist you with any queries or issues you may have.

The support team can be reached by the following means:

- Email: Support@Centrik.net
- Telephone: [+44\(0\)1959 543 204](tel:+44(0)1959543204)
- Helpdesk: Helpdesk.Centrik.net
- Skype: All members of our team have Skype for Business accounts and can add Customers to their contacts to enable Skype contact, particularly for when screen sharing may be needed or where no telephone is available.