Operations Readiness Assurance (ORA®)

ORA® Concept

Operations Readiness is the process of preparing the custodians of an asset under construction (and the supporting organisation) such that, at the point of delivery and handover, the Asset Organisation is fully prepared to assume ownership of the asset, accepts responsibility for, (and is capable of), performing the safe and efficient operation of that asset in a sustainable and environmentally friendly manner.

It is too late, at Project handover, to realise that errors or omissions have been made during design, that key requirements have been overlooked or that the operator is not '**Ready to Operate'**.
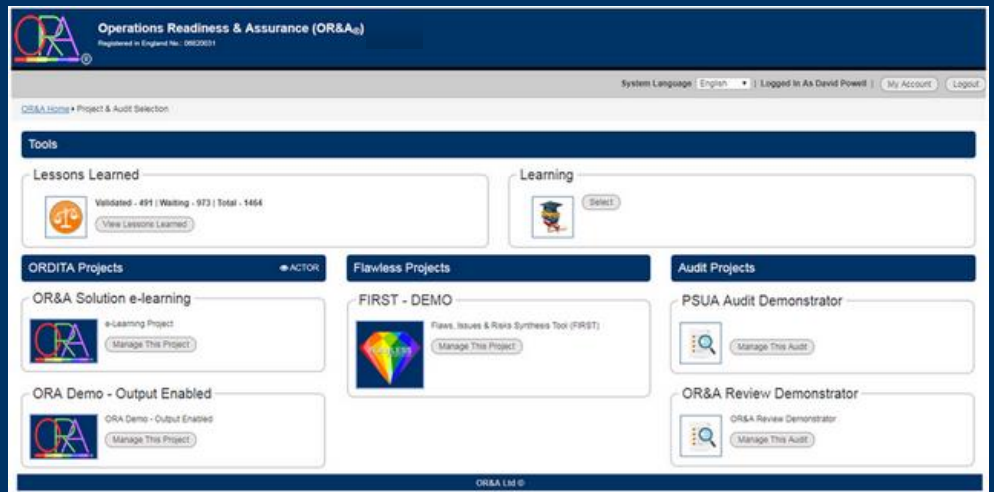
Assurance, in this same context, refers to the act of providing assurance to the various stakeholders in a project or venture that both their asset and supporting organisation has achieved that **'Ready to Operate'** status, (or that it will, by the time acceptance/handover occurs).

ORA® Solution

As the name suggests, the **ORA Solution** provides all of the information required to facilitate the deployment of ORA on a project.

Furthermore, it provides the expert knowledge, skills and tools required to deploy the ORA Process.

Users can then and start applying the ORA process within a matter of minutes.

FIRST

T**he 'Flaws, Issues & Risks Synthesis Tool'** is designed to enable users to better manage the **'Flawless Projects'** process.

Using the integrated functionality of the ORA Solution, FIRST makes it possible to identify, register, quantify, manage and monitor the flaws, issues and risks to the OPERATE phase activities as the project progresses.

The status of all identified flaws, issues and risks is continuously monitored and users are able to add KPI information and mitigating action reports. The system is fully auditable, logging all user interactions. The Health Check facility monitors the status of the identified flaws, issues and risks, highlighting those which have not been visited on a regular basis.
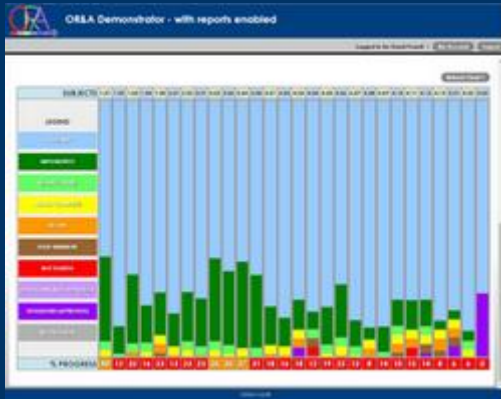
E-Learning

The **ORA Solution** e-Learning system is used to train ORA practitioners from basic to advanced level. It allows users to study on-line at their own pace and to achieve accreditation from ORA Ltd. on both the ORA discipline and how to deploy the ORA process on a project. This is the only training currently available in ORA from a recognised expert provider and is supported by over 40 years Operations and Projects experience and more than 25 years in ORA.

ORDITA

The **ORA Solution** is centred around the Operations Readiness Database & Implementation Tracking Application **'ORDITA'**.

A fully integrated system, hosted on a secure private managed cloud server, the ORA Solution enables an ORA Team to follow a step by step process to manage, implement, monitor, measure and record the progress of implementation of ORA on a project as it progresses towards 'Ready to Operate' status.
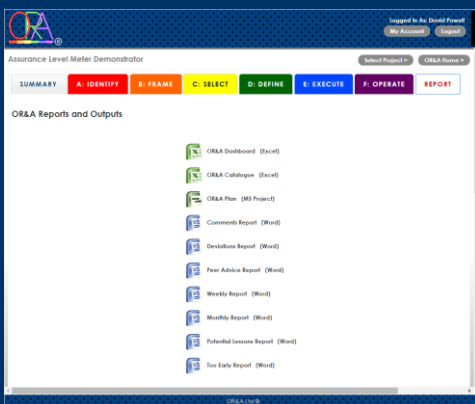

The ORDITA summary screen and wave chart present a comprehensive instantaneous overview of the current state of ORA in the project, updated instantly when any of the users adds information or changes the status of an Activity or Task.

Users can also click hyperlink 'hot spots' on the various displays to further interrogate the system as they are taken directly to the relevant task.

The ORDITA Activity screen is at the core of the system, allowing users to manage the entire ORA process using a clear and logical interface.

Users are presented with a detailed overview of the status of the selected activity and tasks.

From the Activity screen users can also set and control 'deviations', set 'too early' status, record a potential Lesson Learned or add Peer Advice to an Activity or Task.
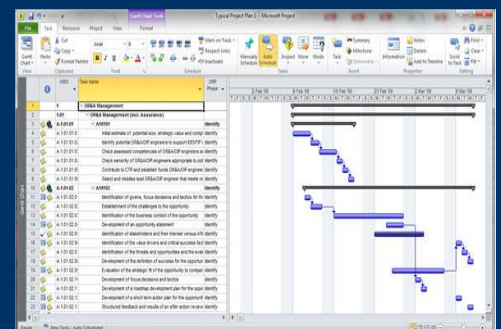

Progress information including context relative comments can be 'attached' to specific tasks to provide and ongoing commentary to support the progression of each task.

From the REPORTS menu screen, the data entered is then used to create a number of pre-formatted reports such as Comments, Weekly and Monthly reports generated instantly at the push of a button.

Reports are generated as fully editable MS Word or MS Excel files which are automatically named and dated.

In the case of an ORA Plan the output takes the form of an XML file which can then be imported directly into a planning tool such as Primavera or MS Project.

The plan then requires only the resource information and alignment with the Integrated Project Plan to be added to produce a fully detailed plan for ORA on the specific project.

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Review & Audit Tools

The ORA Solution has a number of 'add-on' tools, used for specific purposes such as ORA Reviews and Pre-Start-Up Audits. These tools use standard Risk Based Auditing techniques and combine the latest technology to reduce the time and effort needed to conduct a robust review or audit.

The tools allow the Review/Audit Leader to define the Risk Assessment Matrix (RAM) and risk parameters at the start of the review or audit before it is saved and set.

The tool is pre-populated with a comprehensive set of review/audit questions (2,500 for a PSUA) that can be selected for use. The system also allows additional questions to be added during the review/audit to enable a better focus to be achieved.
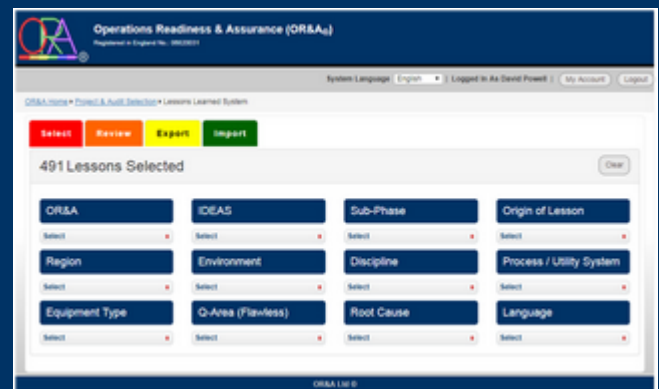
Evidence is gathered using a mobile 'app' or uploaded to the tool directly. The tool then provides the Review/Audit Leader the ability to moderate the findings and automatically generate a full report

Lessons Learned Management System

The ORA Solution includes a unique system for collection, classification, validation, storage, browsing and retrieval of Lessons Learned from a number of sources.

The system is available to all users and enables them to identify relevant lessons by applying filters to sort lessons.

Lessons are harvested from previous/current projects or entered manually. They are then validated and anonymised before being added to the lesson repository.

The latest developments to the Lessons Learned Management System (LLMS) allow users to deploy lessons against selected activities in a specific project, assign an 'Action Party' to each lesson and monitor the status of those lessons over the project life cycle. The system reports all changes in lesson status by e-mail to the relevant parties.

New widgets added to the ORDITA dashboard display the status of lessons deployed on the project and also show the number of potential lessons identified by the project and how many of these have been harvested into the LLMS.

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About ORA®

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