



Origin Orbit Analytics

Capita

orbit
reporting + analytics



Introduction

Capita's Origin ERP solution has traditionally used the Oracle Discoverer tool for reporting. However, Discoverer is now an ageing tool (last release 2010), which Oracle now only offers sustaining support on (see Table 1 below). Consequently, Discoverer is now likely to fail IT security audits and PSN accreditation requirements and be costlier and riskier to maintain.

Table 1 – Oracle Discoverer support levels

Origin Technology Stack Level	Premier support ends	Extended support ends	Sustaining support ends
Origin EBS 12.1.3 – Oracle Discoverer 10g	01/12/2011	Not set	Indefinite
Oracle EBS 12.2.5 – Oracle Discoverer 11gR1	01/04/2014	01/06/2017	Indefinite

During 2018 we worked with Origin users to identify the requirements for a modern replacement for Discoverer that would help police forces to use Origin more efficiently, by gaining insight from the valuable operational data that it holds.

We evaluated the products on the market and recommended the Orbit Analytics product to the Origin NSG as the one that best met their requirements.

Orbit is a modern, powerful, flexible reporting and business information tool that is easy to use and supports timely decision-making with self-service functionality.

A full breakdown of Orbit capability against the user group requirements is on the opposite page, in Table 2.

The Origin NSG accepted our recommendation to replace Oracle Discoverer within the Origin solution with Orbit Analytics, and agreed to work with us to define the scope and requirements for the first set of functionality, which would be partly funded by the Origin Uplift Fund.

West Mercia Police volunteered to be the lead force for the programme, and it hosted an initial requirements workshop for KPI dashboards in November 2018.

This document provides an overview of the proposed content and phases for the Origin Orbit Analytics module. The next major Origin release (Cambrian) will be the last release where new content is exposed in Discoverer. Subsequent releases will maintain and extend Orbit instead.

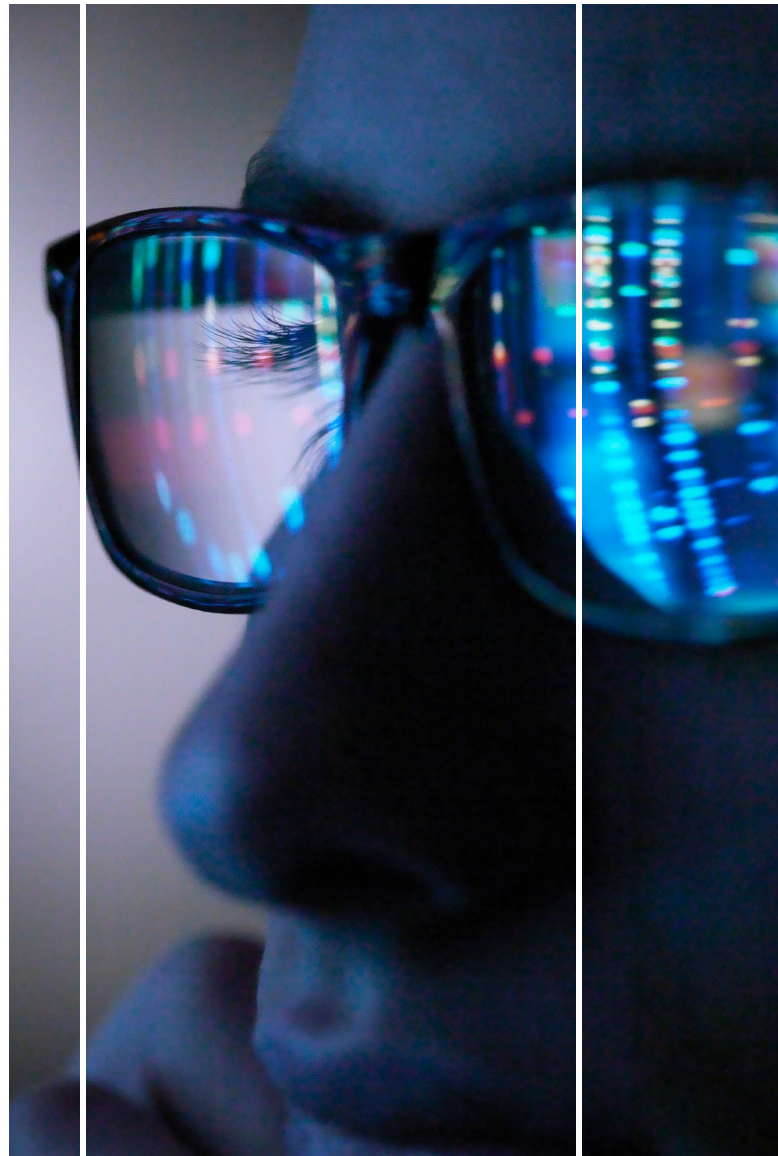
Key features

- ✓ Everything Oracle Discoverer can do, and also...
- ✓ Modern UI and visualisations
- ✓ Real-time analytical capability genuine ease of use
- ✓ Interactive dashboards
- ✓ Cross domain reporting
- ✓ Flexible distribution and scheduling cloud ready
- ✓ Mobile app (for iOS and Android) low cost of migration

Table 2 – Origin user group discoverer replacement reporting requirement

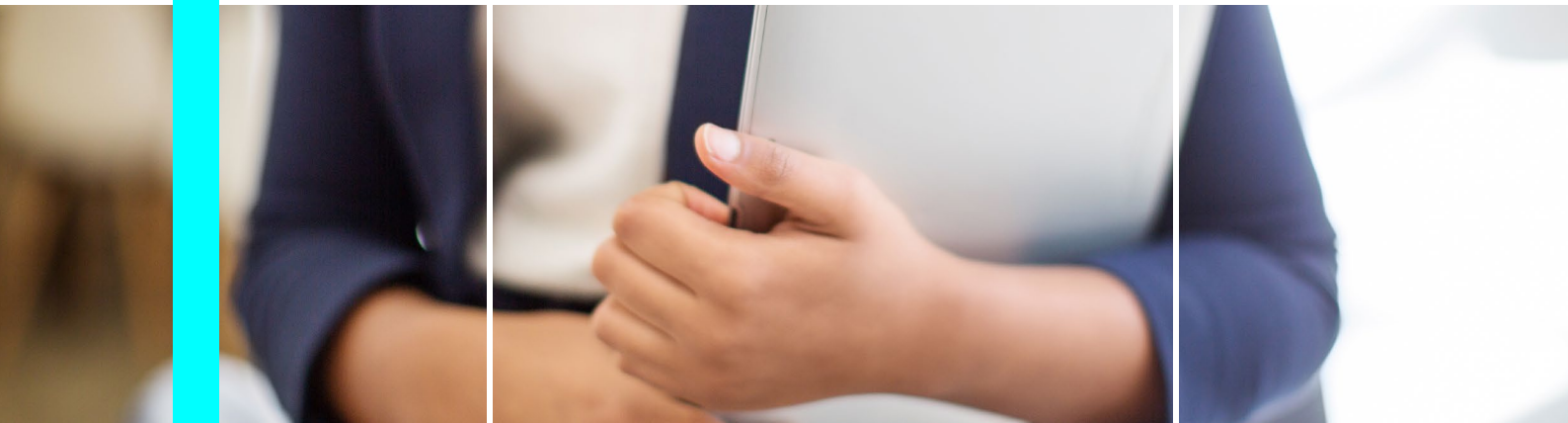
Tool features	Must	Should	Could	Won't	Orbit
Tabular reports	✓				✓
Matrix / crosstab reports	✓				✓
Chart library / gallery	✓				✓
Animated charts			✓		✓
Spatial data visualisation			✓		✓
Hierarchy / org chart types	✓				✓
Flexible role based security (reports / dashboards / filters)	✓				✓
Flexible role based security (repository access)	✓				✓
End user (admin) custom extension of business domain	✓				✓
Dashboards	✓				✓
Interactive dashboards	✓				✓
Drill-down support from tabular data	✓				✓
Drill-down support from graphs		✓			✓
Pixel perfect reporting (e.g. via excel, word templates)		✓			✓
Negative exception reporting (i.e. attribute not there)		✓			✓
Oracle EBS security support	✓				✓
Oracle EBS LOVs, DFFs, KFFs support		✓			✓
Pre-built eBusiness content			✓		✓
Discoverer workbook conversion	✓				✓
Data source – multiple connectors		✓			✓
Data export – multiple formats (e.g. excel, PDF, HTML)	✓				✓
Pre-built analytics (functions, filters)		✓			✓
Custom function support	✓				✓
Direct SQL support		✓			✓
Intelligent query generation	✓				✓
Cross domain reporting	✓				✓
Drag-and-drop support	✓				✓
Embed / run reports in excel		✓			✓
Report scheduling	✓				✓
Report distribution	✓				✓
Alerts engine		✓			✓
Customisable look and feel		✓			✓
Report definitions / metadata import / export	✓				✓
Real-time access to transactional	✓				✓

Technical architecture / delivery model	Must	Should	Could	Won't	Orbit
Cloud deployable			✓		✓
SaaS			✓		✓
Server OS (windows)		✓			✓
Server OS (linux)		✓			✓
Browser only (admin)			✓		✓
Browser only (create)			✓		✓
Browser only (run)			✓		✓
Mobile app			✓		✓
Roadmap for ongoing core OS / browser compliance	✓				✓



Orbit package content

Phase one

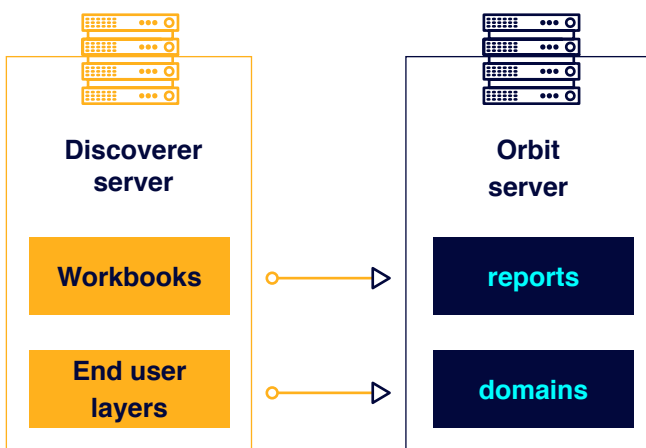


Origin transactional domain

A new Orbit physical and business metadata layer model (domain) is to be developed to replace the existing Origin Discoverer EULs. The full scope and design of the new Orbit domain is yet to be finalised, but the starting premise is that there will be comparable coverage of the core Origin schemas as currently provided by the Origin Discoverer EULs / business areas. Orbit system administrators will have the ability to control which elements of the metadata layer a user or group can access for report writing.

Discoverer migration utility

Orbit Analytics includes a Discoverer migration utility that works by importing an exported Discoverer workbook in .eex format, and dynamically creating the supporting Orbit objects via inspection of the Oracle Discoverer SQL. This enables police forces to migrate their existing Discoverer reports 'as is' into Orbit, and to make use of all the additional ad hoc analysis Orbit functionality available natively to Orbit reports such as dynamic filtering, grouping and totalling, computed columns, etc.



Prebuilt reports for Oracle e-business suite

The Origin Orbit Analytics package includes a suite of prebuilt Orbit reports across both human capital management (HCM) and financials business areas. Within the HCM business area, the reports are grouped under the following folders:

HCM folder	Number of prebuilt reports
BEN advanced benefits	15
HR human resources	72
OLM learning management	10
Pay payroll	61
LD labour distribution	10
OTL time and labour	17
PERF performance management	3



100

- Workforce planning (e.g. establishment strength, FTE, RDIL owed, TOIL owed, restricted duties, leave booked / left to booked, etc.)
- Sickness management / wellbeing
- Duties
- Performance management
- Learning and Development
- Finance



Origin has a historical set of standard Oracle Discoverer reports built to satisfy the original NSPIS HR requirements. Customers no longer commonly use most of these reports, either because the reports no longer provide useful data or because police forces have developed specific extensions / replacements.

For this reason, we've agreed with the user community that, except for the reports listed below, these old / existing Discoverer standard reports won't be included in the Origin Orbit solution. Instead, we'll focus on developing and maintaining a set of KPI dashboards that provide self-service analysis of the core Origin data sets.

Existing Origin standard Discoverer reports to be rebuilt and maintained as standard Orbit reports:

Title	Description
Officer skill details report	Police officers' skills, split by rank.
Officer booking on off report	Details of officers booked on or off duty.
Officer overtime details report	Overtime per rank.
Planned and actual duty details report	Details of employee's planned duties and actuals (revised Origin 2013).
Rota duty details report	Rotas and shift lengths for the chosen organisational level.
Unsocial hours per day per group	Total unsocial hours rows per person per day, grouped by day, in name within date order
All unsocial periods per person	Reports one row per unsocial period per person per day, in times worked within date order, grouped by person

Origin BI Domain

To add extra value for Origin Orbit customers, we propose to expose the previously separately-licensable DMS BI star-schema as an Orbit data domain. We'll also replicate a selection of DMS BI dashboard content as Orbit analysis reports that can be included in Orbit KPI dashboards - both default and customer-specific Origin dashboards.



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