ennVee®

Migrating from Oracle Discoverer to Cognos

Client Snapshot

- Private College
- Location: Texas, US
- 5,000 students

Scope

- Analyze the in-scope Discoverer report workbooks
- Extract the business logic for each report using ennVee's automated tool, **ennSight**
- Migrate 500 Oracle Discoverer reports to Cognos
- Extract the metadata of the out of scope (remaining) Discoverer reports for future usage

Solution Components

- Discoverer Plus 11g
- Discoverer Viewer 11g
- Discoverer Administrator 11g
- IBM Cognos
- **ennSight** automated Discoverer extraction and migration tool

For years, a private university has used Oracle Discoverer exclusively to report on its various campus, campaign, and business activities, which has resulted in the creation of about 9,000 reports. Wanting to move to a supported platform, the Business Intelligence office decided to migrate to IBM Cognos, as it was already implemented, licensed, and used by other departments across campus.

The university has five different modules:

1. FINAID relates to reports around the grants that the university receives from various government and non-government organizations.
2. FMSHR relates to reports around Finance and HR functions.
3. ALUM relates to reports around university alumni.
4. STUREC relates to reports around student records.
5. DISC### relates to miscellaneous Discoverer reports.

Solution

After performing an initial assessment of the university's Discoverer environment, approximately 9,000 active Discoverer reports were identified. Subsequently, the university's business users scrubbed the list down to 500 essential reports that needed to be migrated to Cognos. The ennVee team successfully migrated all reports to Cognos using our proprietary ennSight tool, which automatically extracts and migrates complete reports.
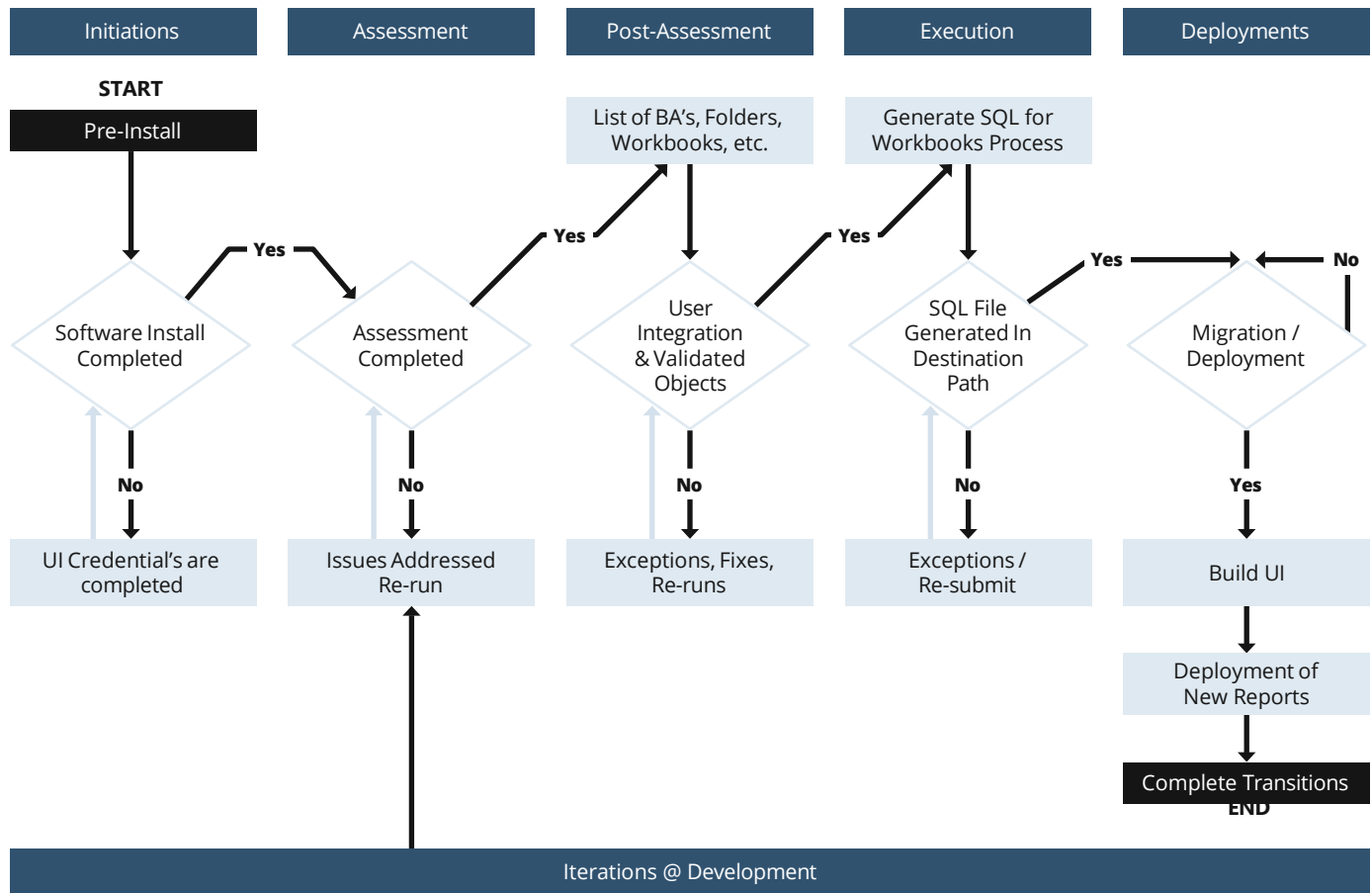
Discoverer Metadata Extraction

After converting the reports into Cognos, we extracted and made available the metadata for the remaining reports.

Testing was the most important phase after deployment, where we tested each report and successfully deployed them onto the Cognos server. Post deployment, ennVee met with the university business users, making minor changes and enhancements to the reports based on user feedback.

One major complexity that we resolved was converting the parameterized reports and cross-tab reports. The parameterized reports were built through "Prompt Value" to get the parameter value for all the reports.

Oracle Discoverer to Cognos Migration Process

Initiations	Assessment	Post-Assessment	Execution	Deployments

START

Pre-Install

List of BA's, Folders, Workbooks, etc.

Generate SQL for Workbooks Process

Yes → Software Install Completed

Assessment Completed

User Integration & Validated Objects

SQL File Generated In Destination Path

Migration / Deployment

No — UI Credential's are completed

No — Issues Addressed Re-run

No — Exceptions, Fixes, Re-runs

No — Exceptions / Re-submit

Yes — Build UI

Deployment of New Reports

Complete Transitions
END

Iterations @ Development

Outcome

All reports were successfully migrated to Cognos in four weeks. The university now has the freedom to run all of the Discoverer Reports in Cognos, thus avoiding obsolescence. Additionally, the availability of the metadata for the remaining reports provides greater flexibility of building reports in Cognos as needed.

Example report converted from Oracle Discoverer to Cognos:

Discoverer

Cognos

Learn more at www.ennvee.com/ennsight

About ennVee

ennVee is a global professional services firm that provides Oracle application management, business, and technology consulting services to organizations around the world. Through automation-based application delivery, we help businesses accelerate project completion, reduce disruption, get it right the first time, and reduce the cost to deliver tomorrow's solutions today. To learn more, visit **www.ennvee.com.**