



## WHITE PAPER

Trellis is a web-based configuration tool designed for large enterprise applications. It allows users to track and affect change within and between environments in an efficient manner while limiting human errors.

With CCB & MDM, Trellis automates the management of configuration data between environments. Change one environment and easily propagate it to many environments—at the click of a button.

Additionally, snapshots of the configuration data are periodically recorded, and users can be alerted if changes are made.

## Challenge

Managing configurations for enterprise systems can be a time-consuming and error-prone process. With Trellis, it doesn't have to be.

When updating CCB or MDM configurations across multiple environments, a user would typically need to use a combination of strategies and tooling. Some changes could be migrated, some done with SQL and some completed in the user interface. It can often take hours of work to finish a single environment and there will be no validation that the tasks were performed correctly.

Trellis simplifies the process of managing OUAF configuration by:

- Automating configuration migration across environments through a simple, web-based user interface.
- Identifying configuration differences between environments over time.
- Auditing changes to the configurations and alerting the user with details about the changes.
- Tracking configuration changes to each environment by user and providing a robust “undo” capability.

Altering configurations throughout enterprise environments can be a daunting task. However, with Trellis, changes can be applied to any environment. Once complete, all of the changes, or a portion of them, can be moved within the enterprise and verified quickly.

Curious what **Trellis** could do for your project?

Contact IntelliTect to find out:

[Oracle@IntelliTect.com](mailto:Oracle@IntelliTect.com)



## Solution

**Compare:** Trellis takes daily configuration snapshots of all environments. This allows users to compare configuration against any environment from any snapshot. Users can:

- **Create a simple Excel output:** Detail all, or a subset of, the differences between snapshots.
- **Compare the same environment:** View the same environment at different points in time.
- **Program recurring tasks:** Schedule configuration snapshots to be taken automatically (at a set time).
- **Organize Activity:** Log and roll back all activity, as needed. Configuration changes are tracked by user.

**Migrate:** With Trellis, it's easy to create change packages. A snapshot is taken before and after UI or database configuration changes are made. Trellis automatically creates a customizable package that will apply those changes or a subset of them to other selected environments. Trellis can:

- Handle fields with environment specific data.
- Select a subset of a comparison to move to another environment.
- Apply, rollback and verify change packages.
- Support Oracle and SQL Server databases.
- Export SQL for all changes allowing integration with source control and automated deployments.
- Designed from the ground up for quick configuration migration, Trellis is a web-based application that can be used on-premise or through cloud deployment (PaaS) by multiple users within an organization.

**Trellis** allows for significant savings of money and time and is a valuable addition to any team using CCB or MDM. The program's built-in automation completes processes with fewer human errors while maintaining environment consistency. In the end, Trellis user's efforts are significantly reduced.

*" I feel like we would have had to have added one to two more full-time configuration resources to our MDM project if we would have not had Trellis. "*

CCB/MDM  
Business Analyst

**IntelliTect**

[www.IntelliTect.com](http://www.IntelliTect.com)  
[Oracle@IntelliTect.com](mailto:Oracle@IntelliTect.com)

IntelliTect provides architecture consulting, full life-cycle software development and training that enables their customers to solve the most challenging of problems. IntelliTect has expert principal and senior engineers specializing in the latest Microsoft technologies, including Cloud Computing, Big Data and AI, Microsoft .NET, Azure DevOps, Office365/SharePoint and Enterprise Application Integration.

Passionate Hard Work, Courageous Honesty, Innovative Excellence