

# IFS Energy & Resources – Reconcile



Store essential production data, manage asset structure and associated complex calculations.

Reconcile is a configurable software solution that ensures robust and efficient management of validated operational data, allocations and other calculations, and the model of the business's asset structure over the full operational life cycle.

## Improved efficiencies

- Configurable calculations that utilize both asset structure and validated data
- Industrial strength relational data base ready for reporting and consumption by other applications
- Embedded intelligence that adapts as your business changes over time

## Greater value

- Self-service configuration; flexible and auditable
- Replaces error-prone, complex and difficult to manage custom systems or spreadsheets
- Accurate historical reporting and re-execution of past calculations

## Benefits



**Models** business asset structure so operations data and calculations are always aligned with the real world business structure



**Minimizes** the number of discrete calculations in the system using template calculations and versions them across time to allow accurate results when re-run



**Increases** reporting performance and correctness by using automatic accumulations that aggregate data, e.g. month to date and year to date production.



**Reflects** changes made to your asset model automatically without personnel needing to change the calculations themselves, e.g. allocating production to new wells defined in the asset model.



**Improves** the efficiency of operations and engineering staff by allowing them to access validated and calculated data in context of the business's real world asset structure (using IFS Energy & Resources - Explorer)

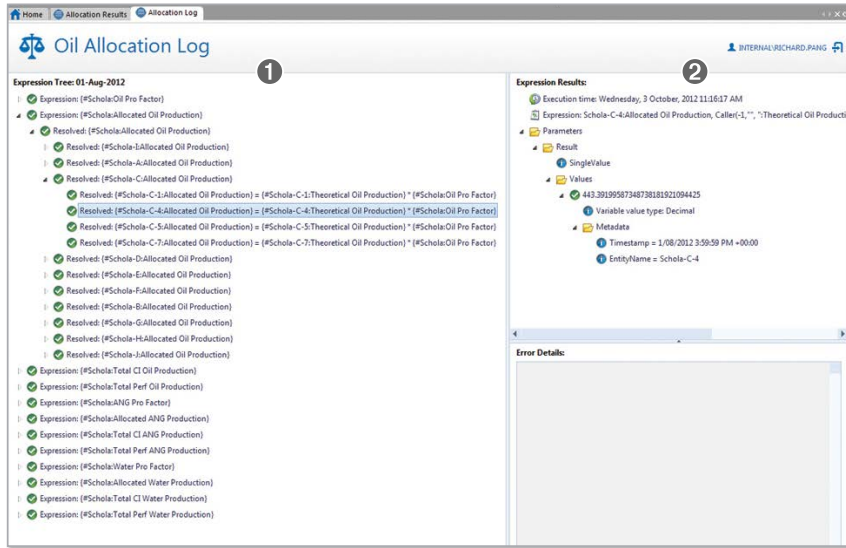


**Provides** audit compliance of all functions and the ability to drill down into calculations to identify production issues.

## Features

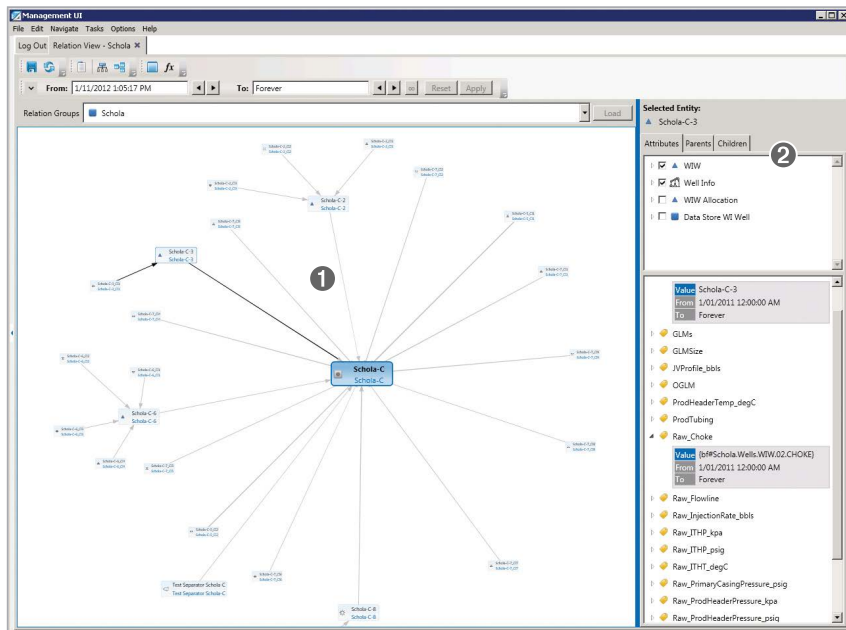
- Time aware asset structure to model your real-world asset structures and associated data elements over the life of your asset
- Extensible, modular, time aware calculation engine to configure and execute calculations utilizing the time effective asset structure and validated data
- Dynamic data repository enables you to store your validated operational data and calculated results in a robust relational database
- Configurable scheduler and workflow engine manages back-end processing such as calculations, accumulations, and reporting
- Full audit trail and built in calculation debugger

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## ← Reconcile Oil Allocation Log

- 1 Expression drill down.
- 2 Numeric results viewer.



## ← Reconcile Management UI

- 1 Asset structure in star view.
- 2 Selected assets (node) and associated child relationships.

## Find out more

For more information on optimizing people, data, analytics and workflows using integrated production software, visit: [www.ifs.com/reconcile](http://www.ifs.com/reconcile)

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