

Granta Update for UK User Group

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Materials Characterisation Technical Specialist



Granta Overview from JLR



Current Granta Summary

1st Phase (2012) - Install Granta S/W – 300 Licences

- Trim Reports Database
- Chassis Fatigue Database

2nd Phase (2013-2015) – Virtual Engineering database (CAE and CAD)

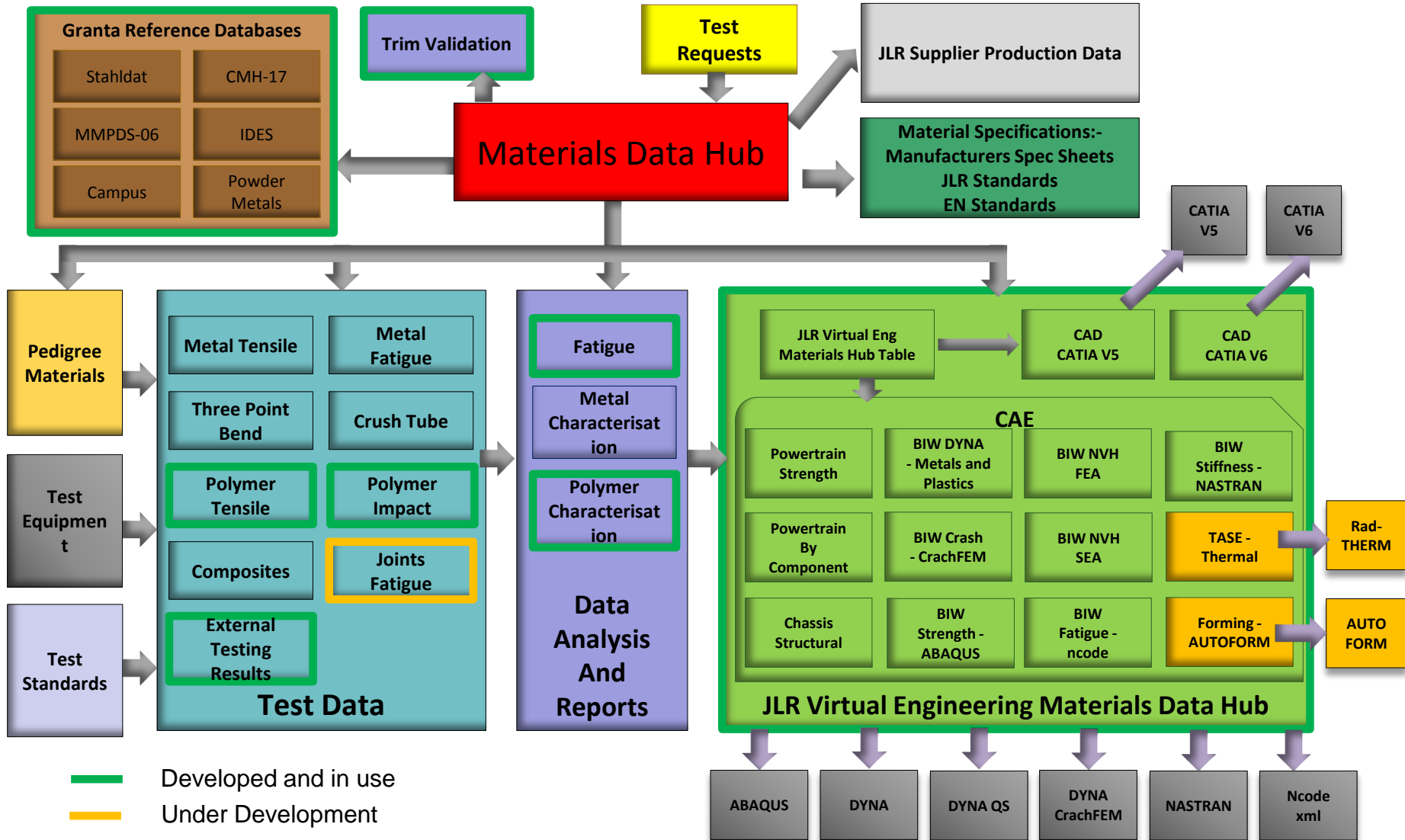
- Remaining CAE Data
- CAE Text Exporters
- All CAD Data
- CAD Exporters

Internal Capability (2013 Onward) – Full Time Applications Engineer

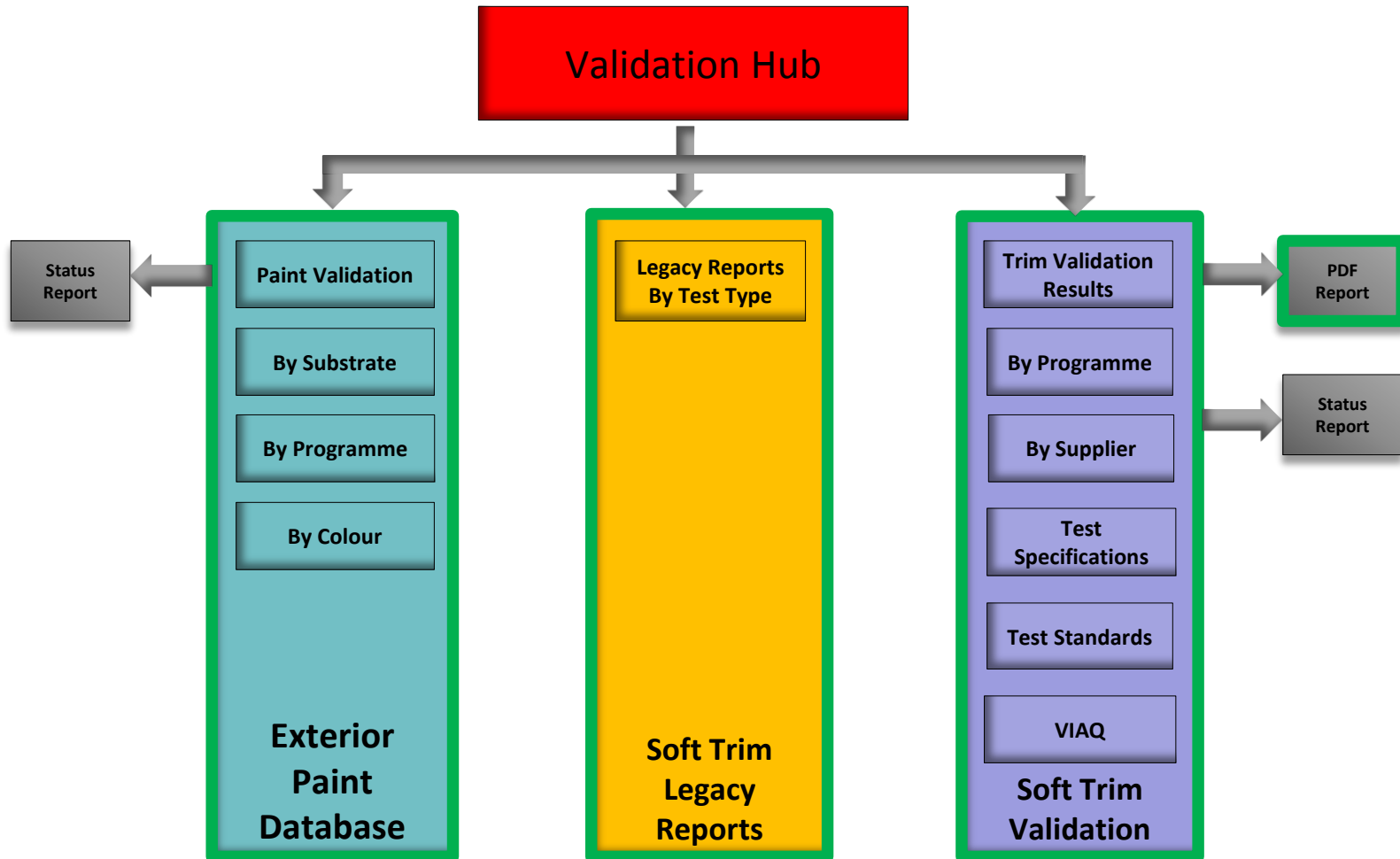
- Develop other databases
- Develop security system
- Develop licencing tracker
- Develop reporting methods

- Over 30,000 JLR records – expanding at 600 per month
- Reference databases supporting design selection
- Covering wide area of Materials Engineering output (Reports to CAE Files)
- Multiple databases (8 reference, 10 JLR Ones)
- Supporting wide range of JLR customers (CAE, CAD, Programme, Suppliers)
- Embedded in our DVP support testing delivery process
- Have developed internal skills

Granta Overview – Characterisation Data Flow Strategy



Granta Overview – Validation Data Flow Strategy

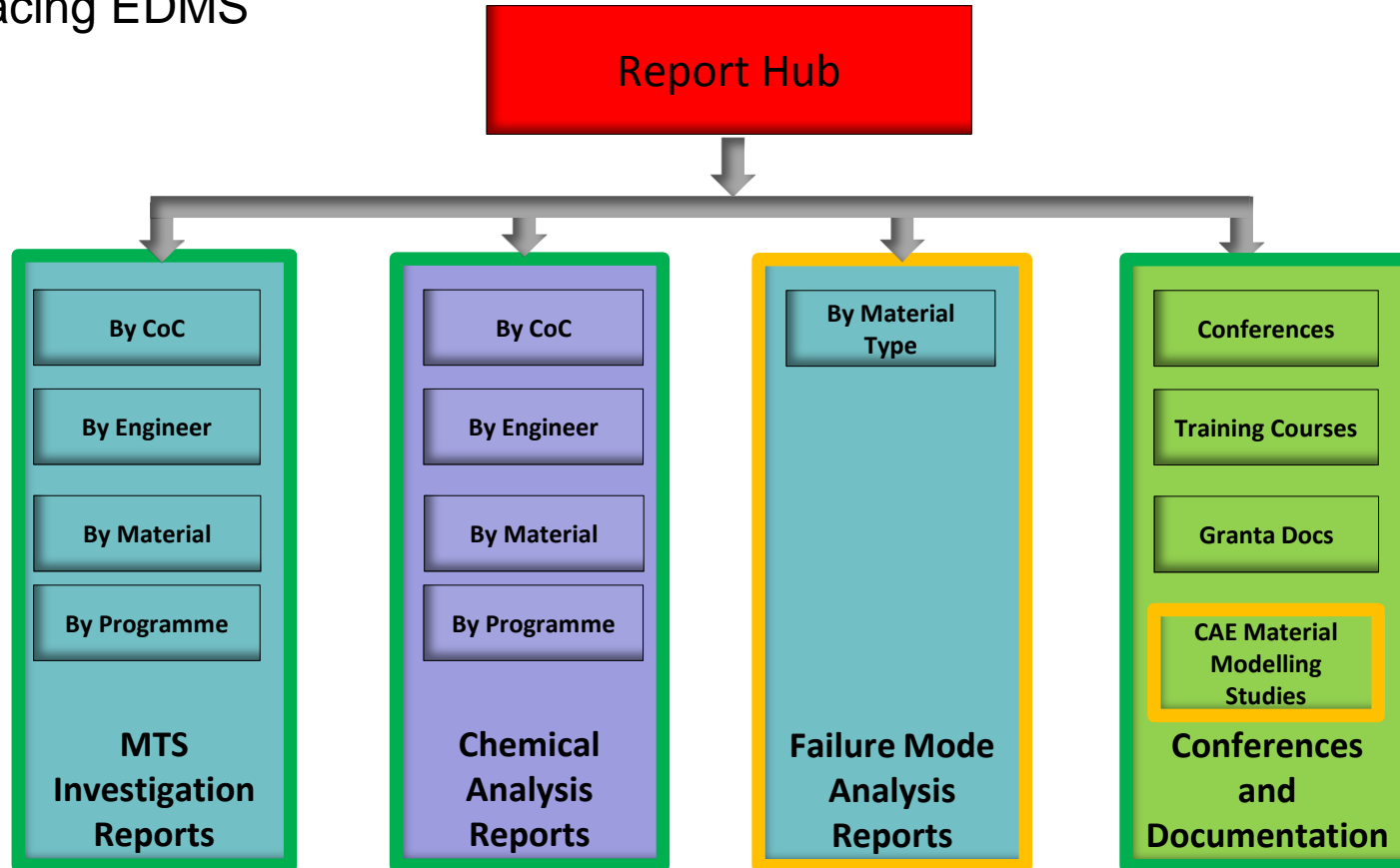


- Developed and in use
- Under Development

Granta Overview – Investigation Data Flow Strategy



Replacing EDMS



- Developed and in use
- Under Development

Granta Overview – Top Issues



Top Issues

User Management (Licencing and Database access control)

Getting data out in easily usable format

- Exporter writing (XLST/XML)

- Excel-API appears difficult to use

Getting data in for a wide range of users (creating 600 records per month)

- MI:Admin needed for new discretives

- Working on remote upload

Our software is out of date (Server limitations)

- Silos of data (Cant link across data sets)

- Filtering data is tricky (Like to use MI Explore)

Deploying to wider range of end users needs a lot of time and resource

- Need basic Granta Training videos

- Documentation

Defining Granta benefits to business - for future funding