

It's not what you've got ...



PLATFORM SOLUTIONS

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BAE SYSTEMS

Platform Solutions Transformation at Rochester

Being part of Platform Solutions and E&IS presents Rochester with many exciting opportunities for growth and the attraction of new business. Acting as a 'gateway to Europe' the aim is to position Rochester as the corner stone of the UK's high integrity systems industry.

To achieve this reputable position we must transform the way we do business and work. There are a number of activities underway across the site in order for us to

- Perform first
- Improve our access to key customers
- Enhance our domain expertise
- Significantly lower our total costs

The Team Center Product Data Management (PDM) Change Management Upgrade, as part of the ERP change programme, is one such activity currently underway to support a new way of working...

What is it all about?

The Team Center PDM Upgrade is about changing the way we work...

From the beginning of August 2008 we have made some big changes to the way Engineering and Operations are able to work together through the use of

- Up to date Bill of Material (BOM)
- Up to date Drawings
- Fast Track Change

Your colleagues from across the business have worked together to produce a whole new set of processes and upgraded the PDM tool to enable this new way of working.

...it's what you do with it that counts.



**Business is changing ...
A new way of doing things.**

What benefits does it give us?

Glyn Brook
Engineering
Project Manager
CH-53



"We have been using Fast Track on CH-53 and one of the most noticeable change is the increased pace of the programme. During the earlier stages of development the traditional change request process used to take approx. 27 days, with Fast Track this is now generally less than 2 days!

Fast Track has the flexibility to make changes quickly, through immediate update of drawings, without compromising traceability or quality.

This flexibility also allows earlier engagement of suppliers in the development process, allowing input from partners to improve the products robustness".

Steve Hebdon
Senior
Manufacturing
Engineer



From an Operations point of view, this system will make an enormous difference to us, in knowing the BOM data held in PDM is the most current. The increased speed of change will ensure that as soon as decisions are made, the changes can be implemented in manufacturing. This new system has yet to fully impact us, but we are excited to be seeing a revolution in the whole process, when Oracle becomes available.

Stuart Earl
Senior Data
Controller



“Using fast track for documents, my colleagues and I have noticed several improvements, including the faster approval of changes to documentation. As the cost and lead time to update and obtain approvals on documentation as well as change requests has significantly reduced, our engineers are able to spend more time focusing on engineering”.

Chris Brown
Senior Buyer
Specialist



“This new system offers a much improved, new way of working, as it transforms the entire process for both the product and people involved. It makes for a closer working rapport with engineers and suppliers, as earlier engagement ensures results are seen more rapidly with the product going from concept to qualification stage sooner, at a higher quality. Our suppliers are much happier to work with us in this way, as it delivers a better product and reduces wastage and risk”.

When will it start to affect me?

This new way of working is available now.

We will see even more benefits when our Oracle eBusiness Suite ERP system goes live March 2009.

Rochester ERP change Phase 1 Key Milestones/Events:

August 2008: Changes to the way we manage the Configuration of our products in Operations and Engineering; user training/awareness – July to August

September 2008: Introduction of Manufacturing Execution System (MES) across all of Operations; user training/awareness- July to September

September 2008: New Quality Control process in Operations, known as Characteristic Verification Process (CVP), goes live in MGR West in September; user training/awareness – July to August

November 2008: New Labour Recording System, Autotime, small rollout in Paint Shop, Machine Shop; training/awareness – August to November

January to March 2009: Extensive User Training/site awareness briefings on new processes and systems, ready for when Oracle ERP and Autotime, new labour recording system, are implemented at the end of March.

Rochester ERP change Phase 2 Key Milestones/Events:

2nd half of 2009:
Cobra - new system for managing Earned Value on our programmes – programmes will switch from Artemis (phased migration)

Autotime - Current Trackview users will switch over to using Autotime, the new Labour Recording system.