

RTP Inventory Overview

Overview

Real Time Project is a highly customisable, scalable, hierarchical project and data management system. It is deployable world wide and can be hosted in multiple global regions to ensure high access speed and redundancy.

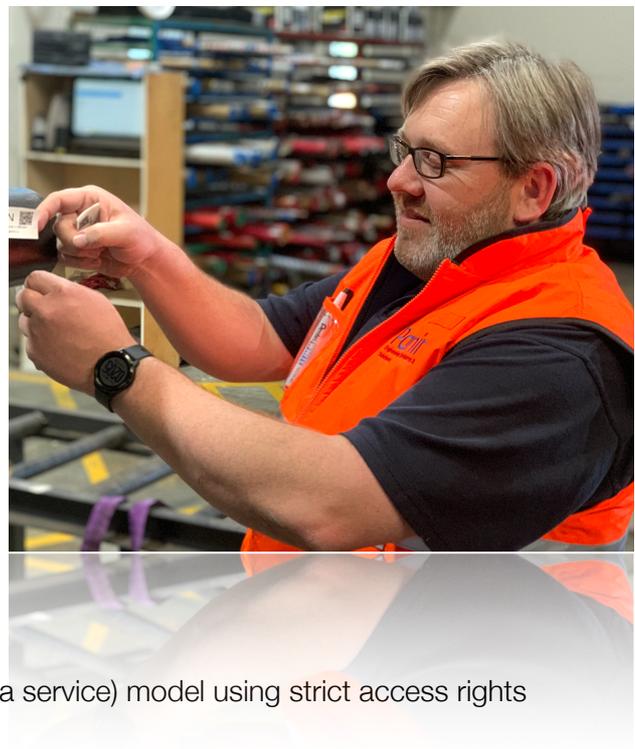
RTP is developed and used by Panir Engineering Systems and Solutions to manage complex business workflows requiring the high levels of audit-ability and traceability.

RTP has a long track record, from early 2006, delivering complex multidisciplinary projects for private and public sector clients both in Australia and internationally.

The system relies on robust Aurora relational data base technology and high redundancy secure data storage with multiple geographic storage zones designed to survive destruction of one facility.

The system is delivered using the SaaS (software as a service) model using strict access rights management.

The core data management model reflects the hierarchical nature of the business environment with practically unlimited levels of definition possible for both Work Break Down Structures (WBS) and equipment and commodity libraries.



RTP helps foster transparency between business departments allowing traceability of data from suppliers through to delivery to end clients.

Integrated Inventory Management

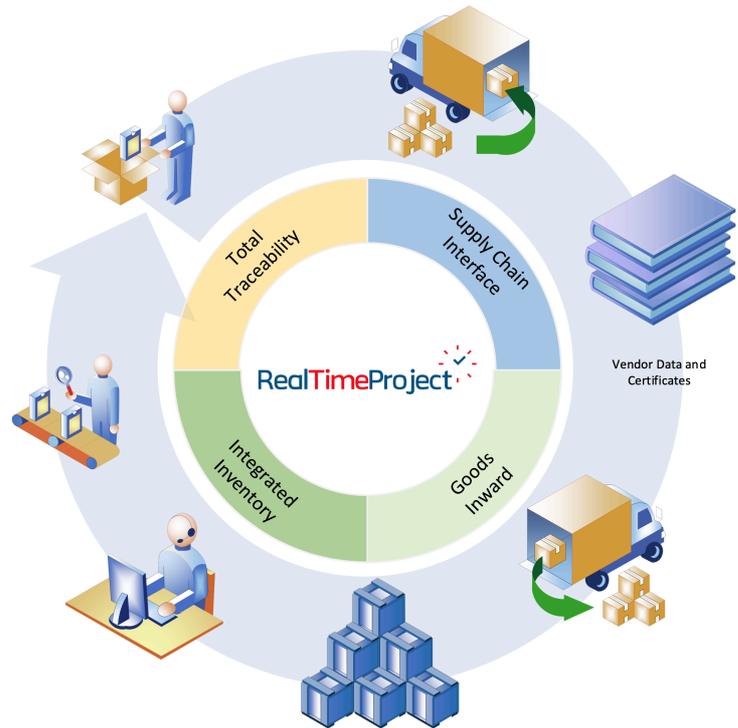
Inventory is no different to cash in the bank. As such it should be treated the as a valuable asset. RTP provides granular multi-location inventory management that can map your existing storages down to the last detail.



RTP facilitates the collaboration of your business' stake holders by providing engagement portals where materials data can be captured against supply chain

activities such as shipping goods and goods inward activities.

Where required, materials traceability information such as Heat Certificates, Materials Testing Records or any other information, can be linked to inventory by suppliers when items are shipped. RTP provides full supply chain management to ensure that information is never lost.



On Receipt, items are identified uniquely and labeled using both QR coding and simple Alpha numeric codes (It is necessary to have the ability to mark products with a code in cases such as steel products with preservative oils etc)

All information attached during the supply chain process is linked to items. Scan the QR code above for an actual live example.

Architecture

RTP is highly scalable, utilising a combination of elastic virtual hosting and dynamic load balancing.

RTP can handle tens of thousands of concurrent users without performance being compromised.

RTP utilises proven backend software such as Apache MySQL and PHP. These industry standard open source technologies are used to deliver the majority of high availability scaleable cloud based solutions.

Security is at the core of RTP. RTP monitors individual user usage patterns such as geographic location and access requests and acts immediately on any suspicious activity including notification of client IT security personnel.

RTP can be implemented in several different configurations to suit client security requirements.

Out of the box RTP does not allow access to any service modules. Individual users are assigned access to modules on a needs basis by a client IT representative or RTP administrator.

Data Storage and access can be defined at individual user or file level or by project work breakdown structure.

SMS based 2-Step Verification can be enabled by request.

System Security

RTP is delivered using the AWS(Amazon Web Services) platform. AWS provide secure computing to some of the worlds largest providers of online services. AWS have a diverse geographic foot print that ensures high availability, data integrity and security. AWS ensures compliance with the following standards:

1. SOC 1/SSAE 16/ISAE 3402 (formerly SAS 70 Type II)
2. SOC2
3. FISMA, DIACAP, and FedRAMP
4. PCI DSS Level 1
5. ISO 27001
6. ITAR
7. FIPS 140-2



Compliance with these standards allows AWS to provide services to the United States Government including the Department of Treasury and industry leaders such as SAP.

Want to know more?

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