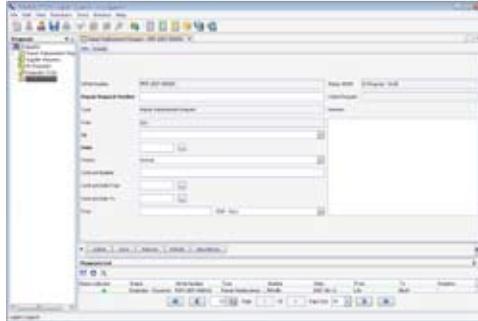


NOVAEVO⁺ : your solution for Configuration Management and Integrated Logistics Support

NOVAEVO⁺ automates management of the entire lifecycle of products and complex systems, from configuration definition and control to integration with legacy systems in order to import/export technical documentation, from maintenance and technical support management to organization of the logistics process – all automatically, thereby reducing both production times and company costs.



NOVAEVO⁺

Configuration Management and Integrated Logistics Support: because you should

Configuration management is fundamental in effectively managing the life cycle of complex products.

Problems in configuration can have a negative impact both on product quality and on the maintenance costs needed to keep a product operational. It's by no means easy to keep track – in a synchronized manner – of all changes in the production and maintenance of a product such as a machine or a whole system.

Products like these can have thousands of components, each of which will have its own specific life cycle. Organizations with the wisdom to adopt processes of configuration management gain a number of benefits in terms of product quality and production and maintenance costs. To do this, the first step is to formalize the configuration management process, i.e. all activities that concern analyzing, approving, and communicating changes to a product's configuration.

The next step is to adopt a dedicated solution such as NOVAEVO⁺ by T.consult.

NOVAEVO⁺ is a framework of customizable client-server applications that can be also be used via web (HTTP). It has been developed based on J2EE specifications, so it has an open, scalable and modular architecture and can be integrated with a diverse range of applications through web services and the processing of data in XML format.

NOVAEVO⁺ helps businesses to reduce design and production costs, increase efficiency and product quality, reduce time-to-market, and effectively integrate company processes. With NOVAEVO⁺, you can manage as-maintained configurations automatically, as well as track changes, manage related technical documentation (specs, diagrams, tables, software documentation, etc.), manage maintenance, technical support and logistics (spare parts, inventory, delivery times, etc.), and manage the provisioning of materials. In this way, the various players involved – manufacturer, supplier, and end users – can interact in real time, thereby saving time, money and resources.

NOVAEVO⁺ is leader in the Aerospace and Defense industries in managing the life cycle of product configurations and in after-sale activities.



NOVAEVO⁺: the main modules

NOVAEVO⁺ drastically reduces production times and costs, as well as the use of human resources, thereby increasing efficiency, quality and, above all, competitiveness.

Manage configurations

The NOVAEVO⁺ Configuration Management System manages both as-delivered and as-maintained configurations.

Identify configurations

NOVAEVO⁺ Configuration Identification provides dynamic management of as-delivered configurations made up of millions of articles, including product variants and modifications. For each item in the configuration, the solution defines the parent-child links based on the application code, thereby associating the related industrial and technical documentation and the various field of the configuration in an ERP used in managing spare parts and repairs. The system integrates with the legacy systems (CAD/PDM/ERP/CSDB) of the manufacturer, the suppliers, and others, from which it imports the data it needs to manage the product tree configuration. Importing is done through a web-service connector that is able to interface with a wide variety of applications.



Configuration Control

NOVAEVO⁺ Configuration Control manages the application parameters for each node of the configuration tree. In this way, the manufacturer's configuration manager is able to keep track of the list of serial numbers (or ranges of serial numbers) being modified.

Create and update technical and industrial documentation.

Industrial Document Management manages the integration of the technical and industrial documentation to be associated with each item of the configuration based on its application code. Technical documentation is normally integrated with legacy systems (e.g. CAD/PDM/ERP). Industrial documentation may include diagrams, CAD files, construction tables, structured and unstructured documents, technical specifications, user manuals, engineering change order (ECO) documentation, and software

documentation. Industrial Document Management enables you to automatically update the configuration of industrial documentation any time a product configuration changes.



Manage technical documentation

NOVAEVO⁺ IETM/IETP Management manages digital manuals and other publications. It is the only application available anywhere that allows you to associate technical manual content (XML data modules) with the as-delivered product configuration. The system enables you to automatically update digital manuals. Each time a product configuration changes, lists of the XML data modules, and therefore of the content that may be subject to revision, are generated. The IETP/IETM Viewer System enables you to manage the interactive viewing and browsing of technical manuals through semantic and code-based searches, bookmarks, notes, printing, and document access functions according to specific criteria and procedures (document access via a structure tree, index, tables, images, metadata, etc.).

Organize maintenance and technical assistance

NOVAEVO⁺ In-Service Configuration Management manages maintenance and technical assistance for as-maintained configurations. In this way, manufacturers can manage post-sales activities and maintain control over the product configurations linked to the ranges of serial numbers. It includes:

- management and control of in-service configurations
- management of repairs
- management of activity reports (technical assistance requests, spare parts requests, repair requests, calibration, on-site support, system upgrade recommendations, anomaly identification, etc.)
- management of work-orders, which helps you to keep track of changes to as-maintained product configurations.

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