

# New Part Request Connector

Reuse search queries to quickly streamline New Part Request for Oracle Agile PLM with full compliancy

## Key Features:

- Auto Number generation and creation
- MPN link to customer-approved vendor names
- MPN file attachments
- Initiate Agile PLM request Workflow
- Use search criteria as part request input

Implementing a new product begins with researching the best components, assemblies or subsystems to build, reuse or procure. Perception Software's navigation solutions allow for easy exploration of all your existing product data. In the event that the item(s) required to meet your new product goals does not exist, the next step is to locate and procure items that do. Currently, this involves stepping into a separate tool and initiating a new part request process, correctly reentering the data defining what it is you're looking for, as well as initiating all the correct procedures to ensure that supply chain and procurement can obtain what is required. Errors in this process can lead to delays in the procurement of the required item or, worse, procurement of the wrong item, which places the project at risk or adds expense to the supply chain.

## Reuse quality parts, Reuse quality searches

The New Part Request module directly addresses the challenge above by creating an **efficient, streamlined process capturing the data behind your search queries and uses it to initiate a new part request (NPR)**. When it's determined that a part may not exist inside the Enterprise or from external sources such as IHS CAPS Universe or Silicon Expert as examples, our navigation solutions will intelligently reuse your part search criteria to populate a NPR inside of Agile PLM. This enables critical business-driven policy within the part selection and request process to enforce the overall project, supply chain or manufacturing and procurement objectives.

## Let the Wizard create a NEW Part for you

Don't like reentering information? Neither do we. The NPR module takes the information about your original search criteria, as well as any information from the component supplier and utilizes an easy-to-use Wizard to strategically to fill in the needs of a corporate NPR process. The NPR module integrates directly with PLM such as Oracle Agile PLM, initiates the NPR workflow, updates all the appropriate objects in PLM and submits the request for approval. There is no need to reenter information such as the detailed technical requirements, manufacturer names, supply chain data, etc... This removes the tedious and error-prone steps, turning it into a simple in-context Wizard. A complete view of the suggested part(s) is automatically included. This allows downstream analysis of the item to be requested to process efficiently and minimize the need to cycle back to the requester.

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## CHALLENGE

### Engineering DEMANDS for a new part request

- Make search easy
- Understand whether part is usable
- Reuse search queries for new part request if there is nothing available internally
- Need largest possible inventory



### Supply Chain DEMANDS for a new part request

- Stop using Google
- Leverage existing purchasing contracts
- Improve quality
- Need accurate data in Agile PLM
- Want controlled, contained inventory

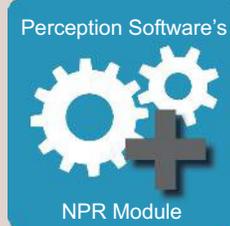
## SOLUTION

### Component Search from Perception Software



1. User searches/queries product data in Agile PLM along with data from cloud content providers.

2. No usable parts found. User reuses search queries in conjunction with



to populate new part request.



3. Module automates NPR compliance to conform to Agile PLM requirements.

## BENEFIT



### KEY ENGINEERING Benefits

- Sub-second search response
- Reuse search queries
- Comply with business requirements

by using Perception Software:



### KEY SUPPLY CHAIN Benefits

- Control inventory
- Compliance conformity
- Cost reduction
- Improve quality