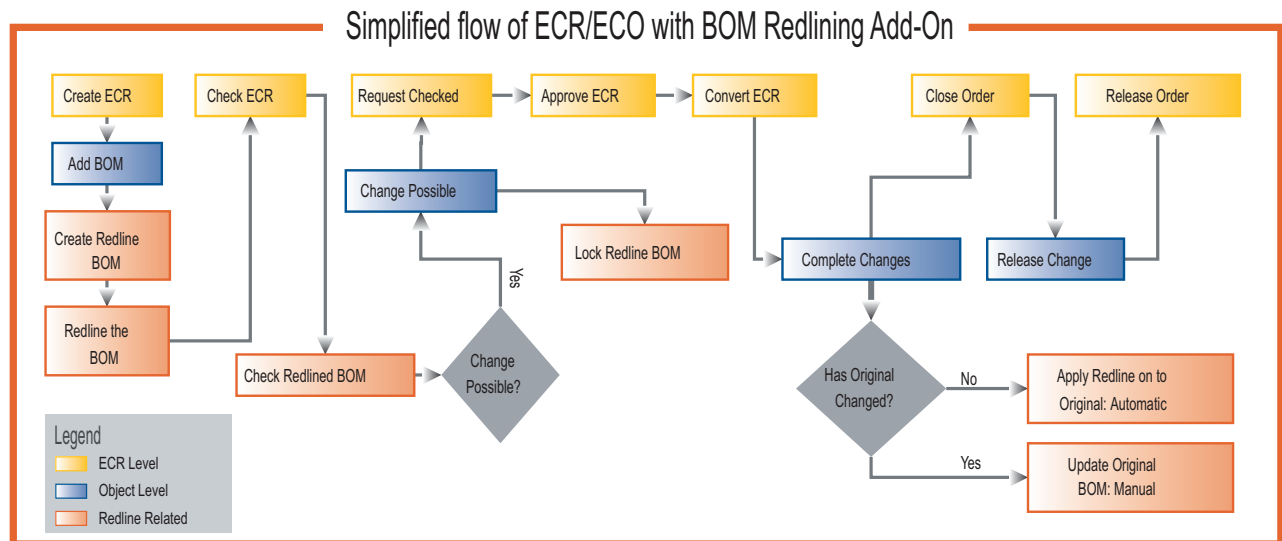


## Why BOM Redlining Add-On?

In any organization, product evolution, creation, development and manufacturing involves iterative processes to refine and enhance the final customer-ready product. Such iterative product changes impact various elements of the product lifecycle. From internal departments to suppliers, after-sales, compliance and regulatory requirements, the changes have impact on parameters such as cost, time-to-market, and above all, product acceptance and success. The iterative nature of product development and evolution, and its overall impact on the product success, requires close tracking and management of changes. BOM redlining - the ability to track changes, manage their impact, and ensure product competitiveness during product development - is an integral requirement to ensure streamlined PLM processes.

### Solution description

Infosys' BOM redlining add-on enables mySAP PLM users to efficiently manage complex iterative changes during the product's lifecycle at every phase. Changes to the BOM can be visualized through a rich user-friendly interface. With the BOM redlining add-on, all BOM changes and iterations along with the impact of such changes, and their assessment by relevant parties involved, can be easily tracked, managed and streamlined. At present, change proposals to BOM in SAP are in textual format, which sometimes causes inefficiencies in tracking such changes. Infosys's BOM Redlining solution allows a user-friendly GUI by pictorially representing the changes. The functionality has been developed as an ABAP add-on to existing ECR/ECO process, with the next version to be based on ESA CAF as an xApp composite.



Item	Ict	Icon	Component	Component Description	Quantity	Unit	Asm	Sls	Phantom Item	SortStrng	Item ID
0010	L		AZ2-310	Cover plate	1.000	PC					00000001
0030	L		AZ2-330	Silicon Fluid	0.018	KG					00000003
0040	L		100-400	electronic	10.000 20.000	PC	X				00000004
0050	L		P-500	Pump (Single-level configuration)	10.000	PC	X				00000006
0020	L		100-300	Hollow shaft	1.000	PC					00000002

## Solution Usage

**Typical Clients:** Clients in discrete and process segment such as Industrial Manufacturing, CPG, Retail, Hi-Tech, Discrete & Industrial Manufacturing and Contract Manufacturing.

<b>Infosys Solution</b>	<ul style="list-style-type: none"><li>• RFCs for the BOM Redlining functionalities</li><li>• Enhancement of the ECR / ECO functionality to make BOM Redlining configurable.</li><li>• Z Tables usage for redlining data persistence</li><li>• Scalable solution for additional customization and organization specific business rules and functionality requirements</li><li>• Add-on for mySAP PLM</li></ul>	<b>Infosys Value-add</b>	<ul style="list-style-type: none"><li>• Expertise of PLM domain with experience in executing consulting and implementation projects involving leading PLM packages (Agile, Matrix One, Team Center, Windchill etc.) in all the key process areas</li><li>• Expertise in ABAP, ESA CAF to customize and develop RFCs &amp; SAP tool sets</li><li>• Business knowledge around change management and other modules</li></ul>
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## Business Value-Adds

- Streamlined change management during product development and lifecycle processes
- Add-on to the existing functionality enhancing the existing mySAP PLM rich features – an add-on that can be configured to switch-on/off

What's Next... To get started, please send us an email [infosys@infosys.com](mailto:infosys@infosys.com)

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