

2. Lead times coming from SAP

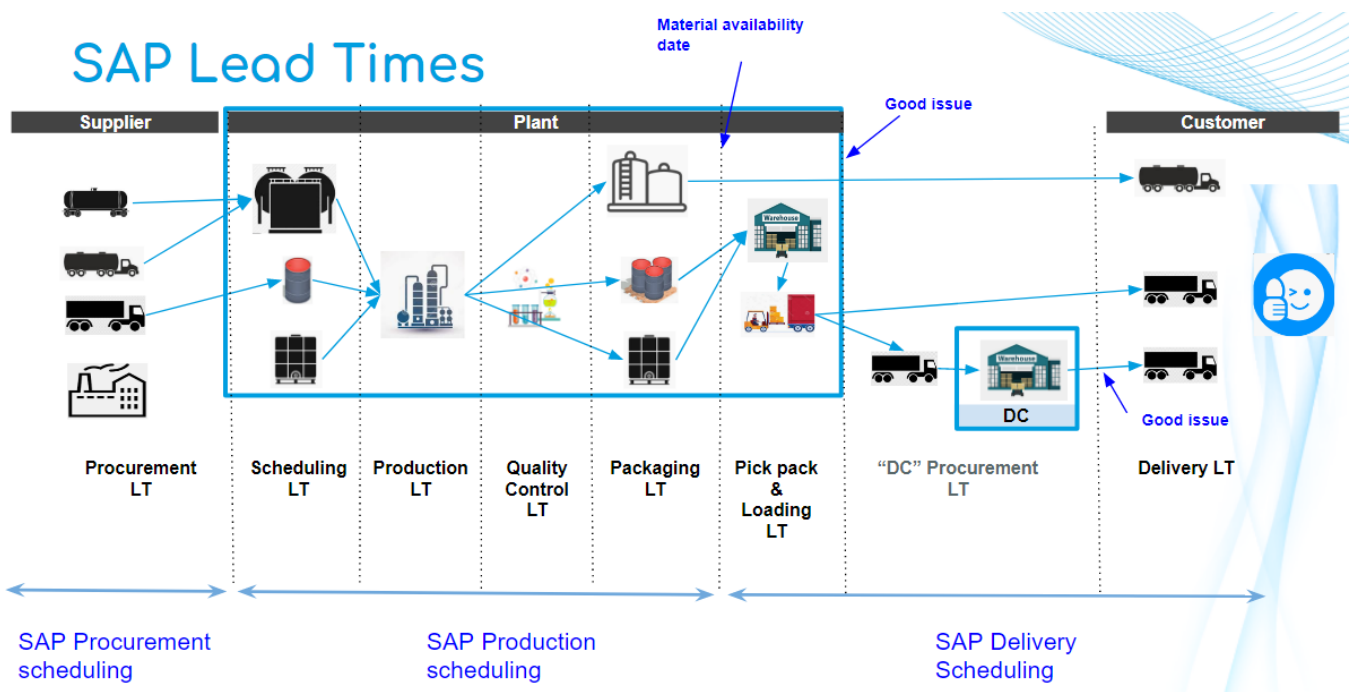
> Synthesis of P&I Leadtimes extracted from SAP

P&I Lead Times	Level Required	Proposed SAP Field	Purpose in SAP	SAP Level	Comment
Catalog LT	Material / Plant	Dedicated new field	Catalog Lead Time from "Order Entry Date" until "Material Availability date"	Material / Plant Working days	See dedicated section here Besides P&I, also used in CEM control : Order Date - Material Availability Date >= Catalog Lead Time (Taking into account the SAP plant calendar)
Plant Replenishment LT	Material / Plant	Total Replenishment Lead Time (TRLT). In SAP technical name is MARC-WZEIT	TRLT is used: > definition of TRLT horizon in MD04 (Planning) > Sales order confirmation ((only if the ATP key is set to consider the TRLT): if no availability found at the requested date, the availability date in sales order is automatically confirmed at today + TRLT. Usually activated for MTO products.	Material / Plant Workdays	Proposal : this SAP field will contain the SHS RLT calculated in the P&I DynaSys solution.
Production LT	Material / Plant	Work scheduling view : Processing time (MARC-BEARZ) + Base quantity (MARC-BASMG) or if not filled-in MRP view or Work scheduling view : Inhouse production time (MARC-DZEIT)	The Processing time + base quantity from 'Work scheduling view' or the Inhouse production time are used by the MRP (to calculate the Planned Order start/end date for Intermediates / Raw Mat) + Scheduling activities. Either 'Processing time' + 'Base quantity' or 'Inhouse production time' can be maintained. According to the Scheduling MRP parameter either those material master data will be used or the routing /recipe data will be used. <u>Attention:</u> > Option 1: 'Processing time' + 'Base quantity': this is the best practice but requires significant time & training to handle. > Option 2: the 'Inhouse production time' (either from MRP or Work scheduling) is not recommended as it's not based in a 'Base quantity' and can perturbate 'Planning table' of MF50 Planning. We recommend: a) <u>Short term</u> : stock revised 'Production values' in DynaSys P&I b) <u>Medium/long term</u> : feed 'Processing time' + 'Base quantity' in SAP.	Material / Plant Workdays	See dedicated section here
Procurement LT	Material / Plant	SAP Processing time for purchasing (Workdays)	Time (Plant workdays) that the purchasing department requires to convert a purchase requisition into a purchase order.	Plant x workdays Define at Plant SAP Custo (an example of value could be 2 days).	
	Material / Plant	SAP Planned delivery time (Calendar days)	Number of calendar days needed to obtain the material or service if it is procured externally. Expected value in SAP depends on type of procurement: 1> For external procurement (purchased from Supplier): The Planned Delivery time should contain the transit time + preparation time of Supplier to prepare the delivery. 2> For Internal procurement (purchased from another Solvay site = InterCo): it should only contain the Transit time. For the ordering plant, this information is helpful to send the information to the supplying plant on time.	Material / Plant Calendar days Could be maintained at different place: - Purchase info Record - MRP2 view	See dedicated section here

GR Processing LT	Material / Plant	GR processing time (MARC-WEBAZ)	Number of workdays required after receiving the material for inspection and placement into storage. Used to calculate the "Material availability date" following stock entries.	Material / Plant Workdays	
Administrative Scheduling LT	Material / Plant	No SAP equivalent. It's linked to the time to prepare to review the planning & launch the campaigns, depends more on Scheduling meetings frequency, Prod campaign frequency, frozen horizon MF50.	-	Material / Plant Workdays	No field in SAP available. Will be manually defined in DynaSys, more info in detailed section here .

For more information about the use of each lead time in the SAP Planning, please consult this B2B documentation: [B2B - Training material - lead time definitions](#)

> P&I methodology Lead times (Macro view)



> SAP Lead times summary (detailed view)

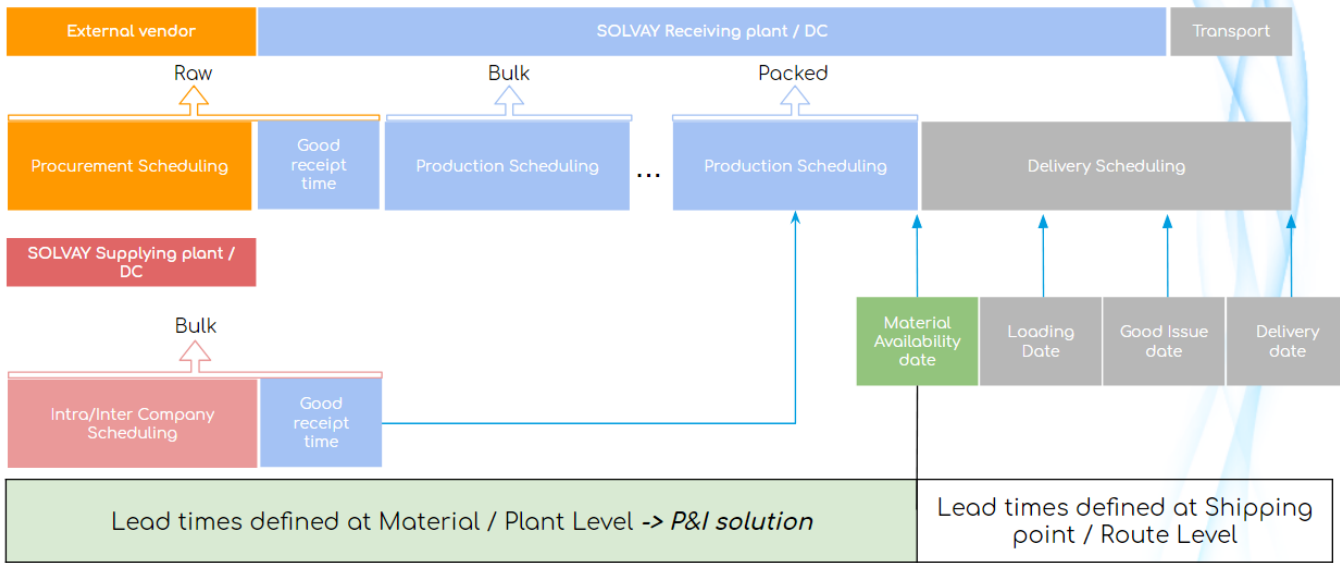
P&I solution takes the Lead times coming from SAP until the Material Availability Date.

All that happens afterward (Loading + Pick Pack + Transit time to customer), in gray below, is not part of DynaSys P&I scope and is carried outside the tool.



SAP Lead Times - Summary

No transferred in P&I

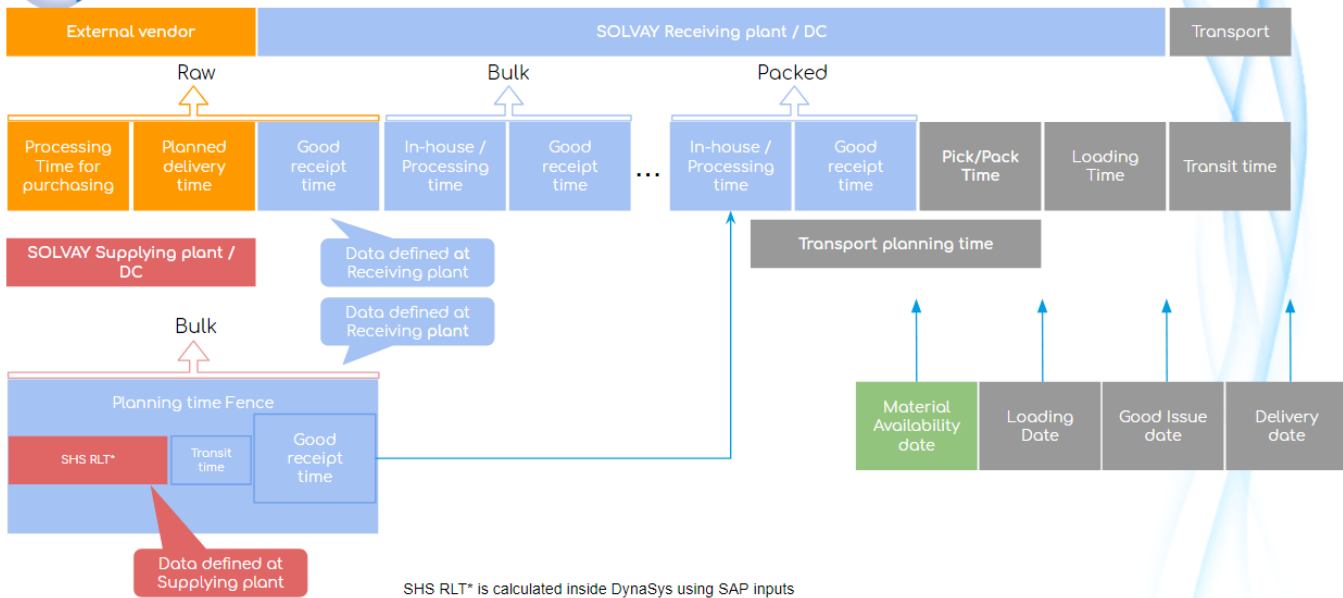


> SAP Lead times transferred to P&I



SAP Lead Times - transferred to P&I

No transferred in P&I



Key information to be taken into account:

Production Scheduling: No information in SAP related to the Scheduling LT -> Will be defined in the P&I solution.

It's considered in SHS RLT calculation but not like an 'addition'. More information in 'Scheduling LT' part.

Inter/Intra Company Scheduling:

- Planning time fence at receiving plant to be consistent with stockholding strategy and replenishment LT