

GET STARTED WITH LYNX

Modelling of Supplier Tasks with a Delivery Window

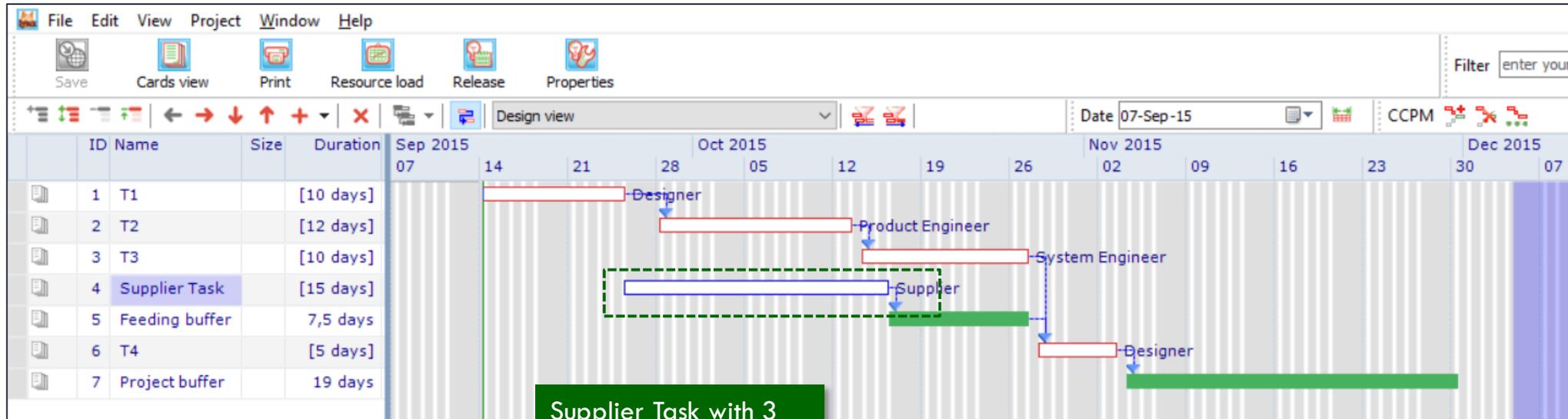
A-dato

High Performance Delivered

Example

Supplier task on Feeding Chain (scheduled “Just in Time”)

2

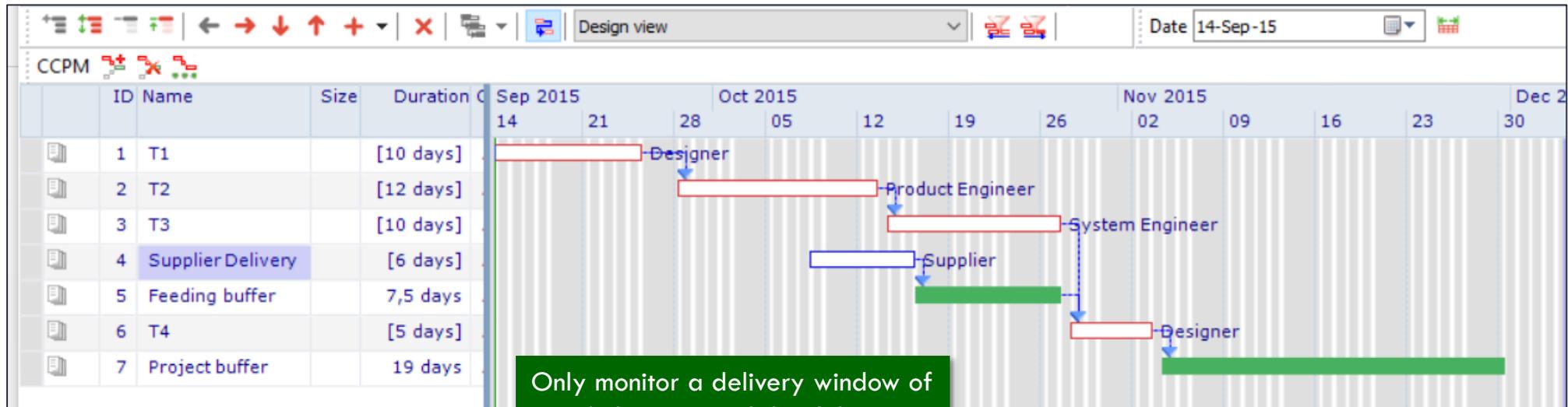


Objective:

How to prevent ETTC updates during “waiting time” in the Supplier Task until due date for supplier delivery?

Option 1

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Only monitor a delivery window of e.g. 6 days, around the delivery due-date.

Update ETTC until delivery has taken place.

Option 2

The screenshot shows a project management software interface with a Gantt chart and a task properties panel. The Gantt chart displays tasks T1 through T6 with their durations and dependencies. A green callout box highlights the 'Supplier Delivery' task and its position on the timeline. The task properties panel shows the 'Constraint' set to 'As soon as possible' and the 'Deadline' set to 'Fri 9 Oct 17:00'.

ID	Name	Size	Duration
1	T1		[10 days]
2	T2		[12 days]
3	T3		[10 days]
4	Supplier Delivery		[6 days]
5	Feeding buffer		7,5 days
6	T4		[5 days]

Use a "constraint" to position the 6 days delivery window at a particular date.

Task properties: Constraint: As soon as possible; Date: [] use scheduled date; Deadline: Fri 9 Oct 17:00; use scheduled date

Option 3

CCPM

ID	Name	Size	Duration
1	T1		[10 days]
2	T2		[12 days]
3	T3		[10 days]
4	Place Order		
5	Supplier Delivery		[6 days]
6	Feeding buffer		7,5 days
7	T4		[5 days]
8	Project buffer		19 days

Task properties

General Constraint Progress Resource requirements **Dependencies** Custom fields Visual Tracking Workpackage

Predecessor relations (edit)

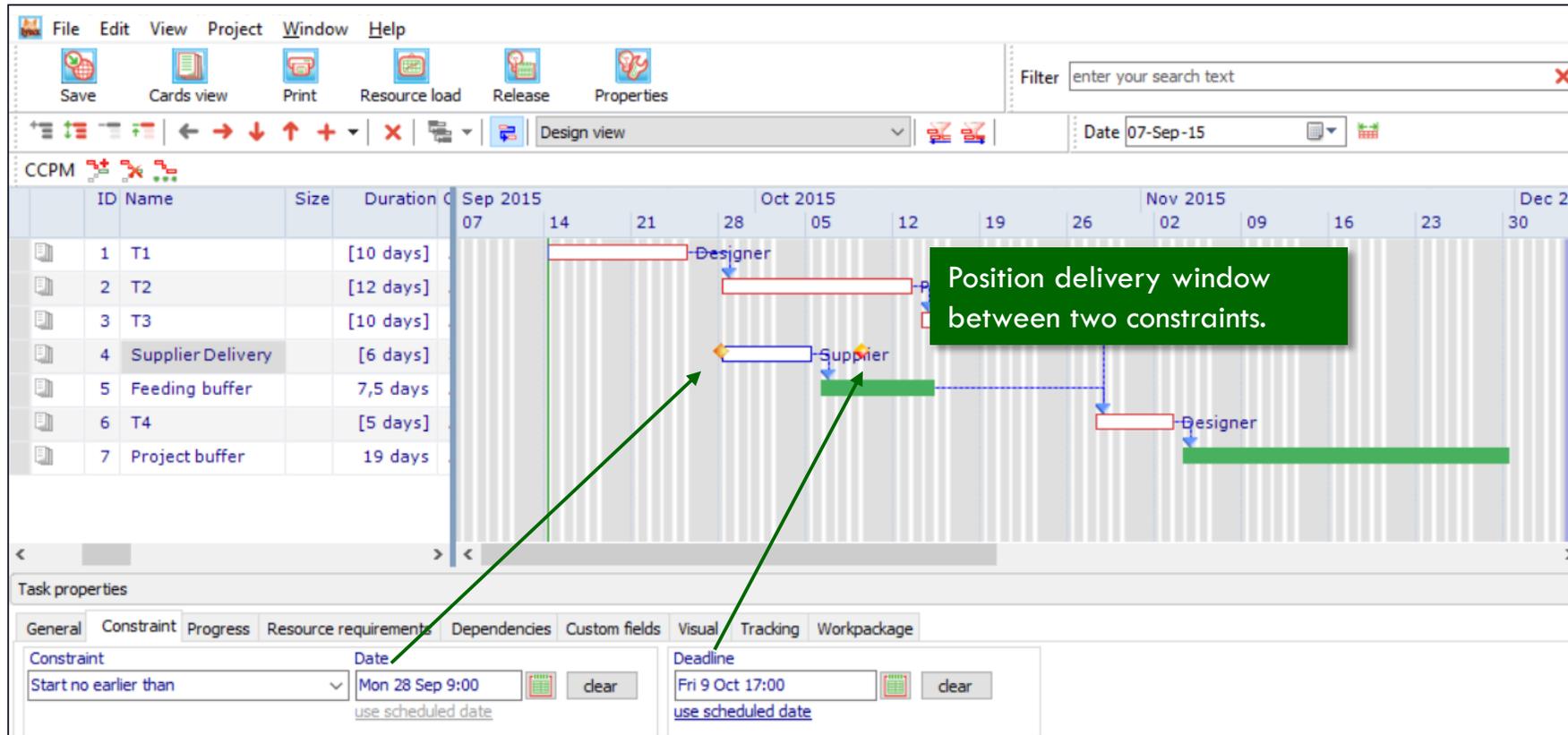
ID	Predecessor	Relation	Lag
4	Place Order	Finish -> Start	9 days

Successor relations (edit)

ID	Successor	Relation	Lag
6	Feeding buffer	Finish -> Start	

Option 4

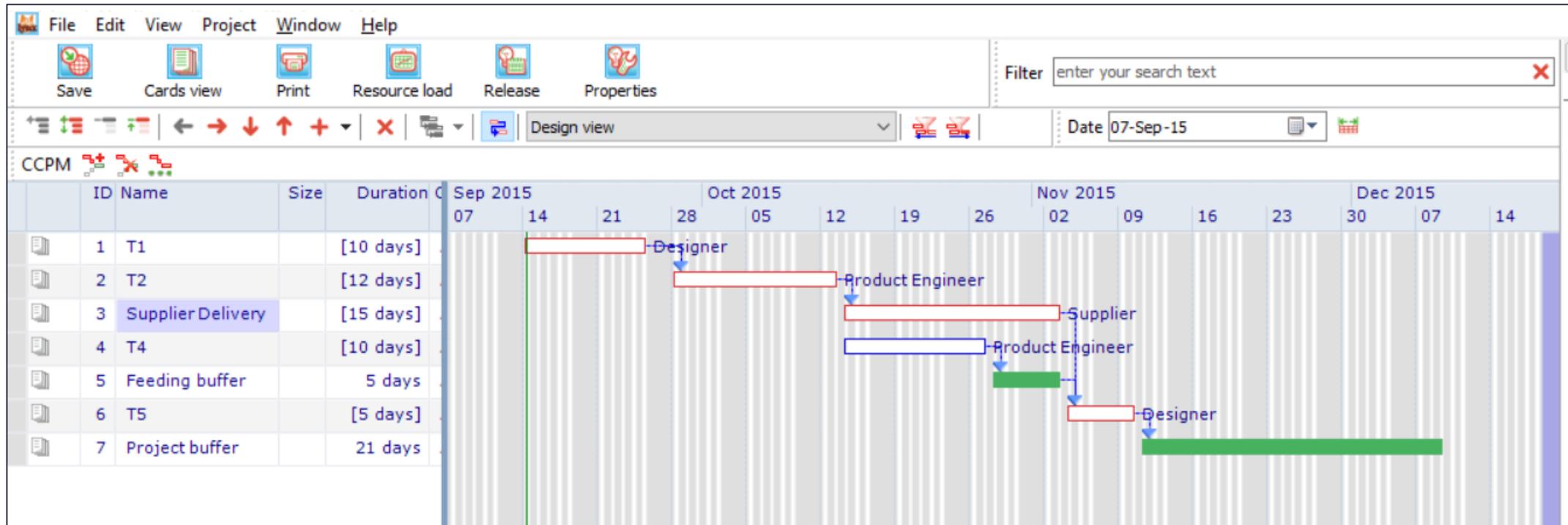
If a feeding chain is scheduled "As soon as possible"



Example 2

Supplier task is on the Critical Chain

7



Option 1

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Use a "lag" to create a waiting distance between T2 and Delivery Window for T3.
Also use a constraint to keep the position of the delivery window during the execution phase.

The lag appears as a gap of 9 days.

ID	Name	Size	Duration
1	T1		[10 days]
2	T2		[12 days]
3	Supplier Delivery		[6 days]
4	T4		[10 days]
5	Feeding buffer		5 days
6	T5		[5 days]
7	Project buffer		21 days

Task properties

Constraint: Start no earlier than Tue 27 Oct 9:00

Statistics

Property	Value
Project start	Today
Calculated start	Today 9:00
Calculated finish	Tue 10 Nov 17:00
Due date	Fri 18 Dec
Due date performance	28 days early
Shortest path	33 days
Critical chain	33 days
Project buffer	21 days
Critical chain gap	9 days
Resource hours	344h
remaining	344h

My activities Messages (0) Project portfolio Active tasks Calendar Configure

ID	Description	Start date	TM	Priority	RTS	Resources
1	@T1 Project with Supplier Lead Time	Today 9:00 [w38]		●	Yes	Designer [10 days, not started]
4	T4 Project with Supplier Lead Time	Wed 14 Oct 9:00 [w42]		●	Yes	Product Engineer [10 days, not started]
2	@T2 Project with Supplier Lead Time	Mon 28 Sep 9:00 [w40]		●	No	Product Engineer [12 days, not started]
3	@Supplier Delivery Project with Supplier Lead Time	Tue 27 Oct 9:00 [w44]		●	No	Supplier [6 days, not started]
6	@T5 Project with Supplier Lead Time	Wed 4 Nov 9:00 [w45]		●	No	Designer [5 days, not started]