GET STARTED WITH LYNX

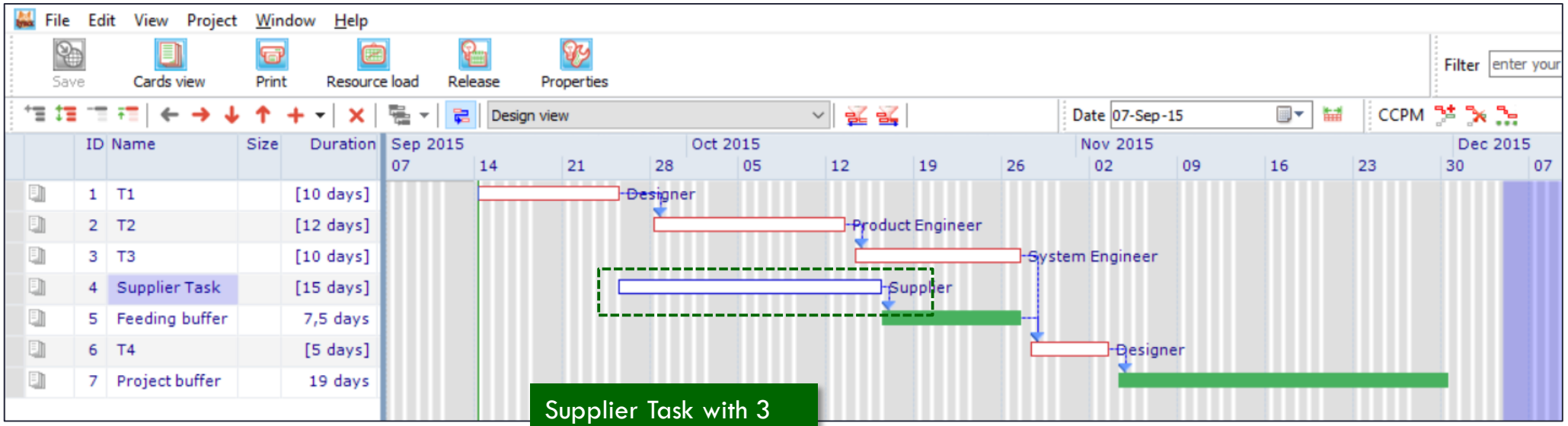
Modelling of Supplier Tasks with a Delivery Window

A-dato

High Performance Delivered

Example

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



Supplier Task with 3 weeks leadtime

Objective:

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

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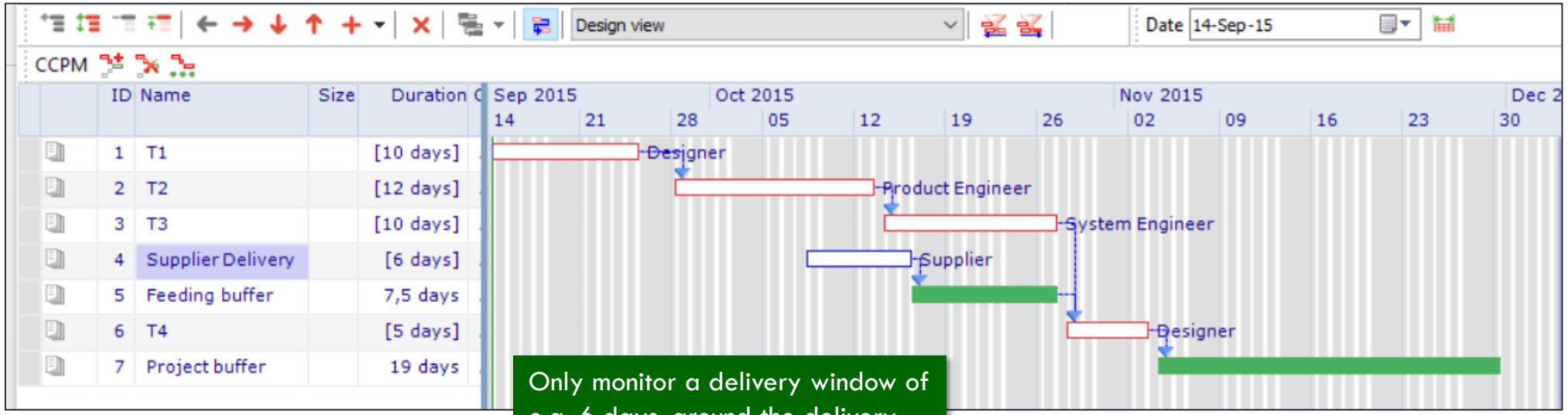
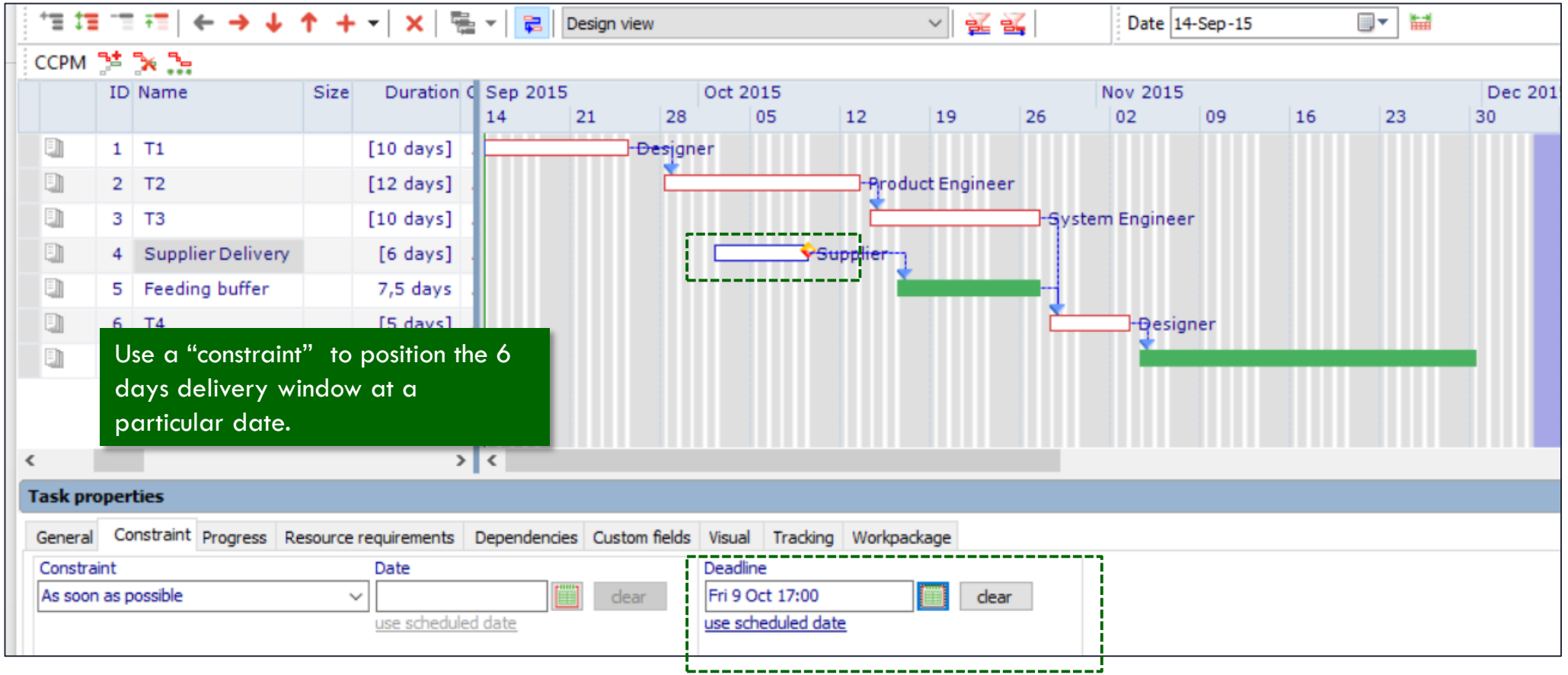
Option 1



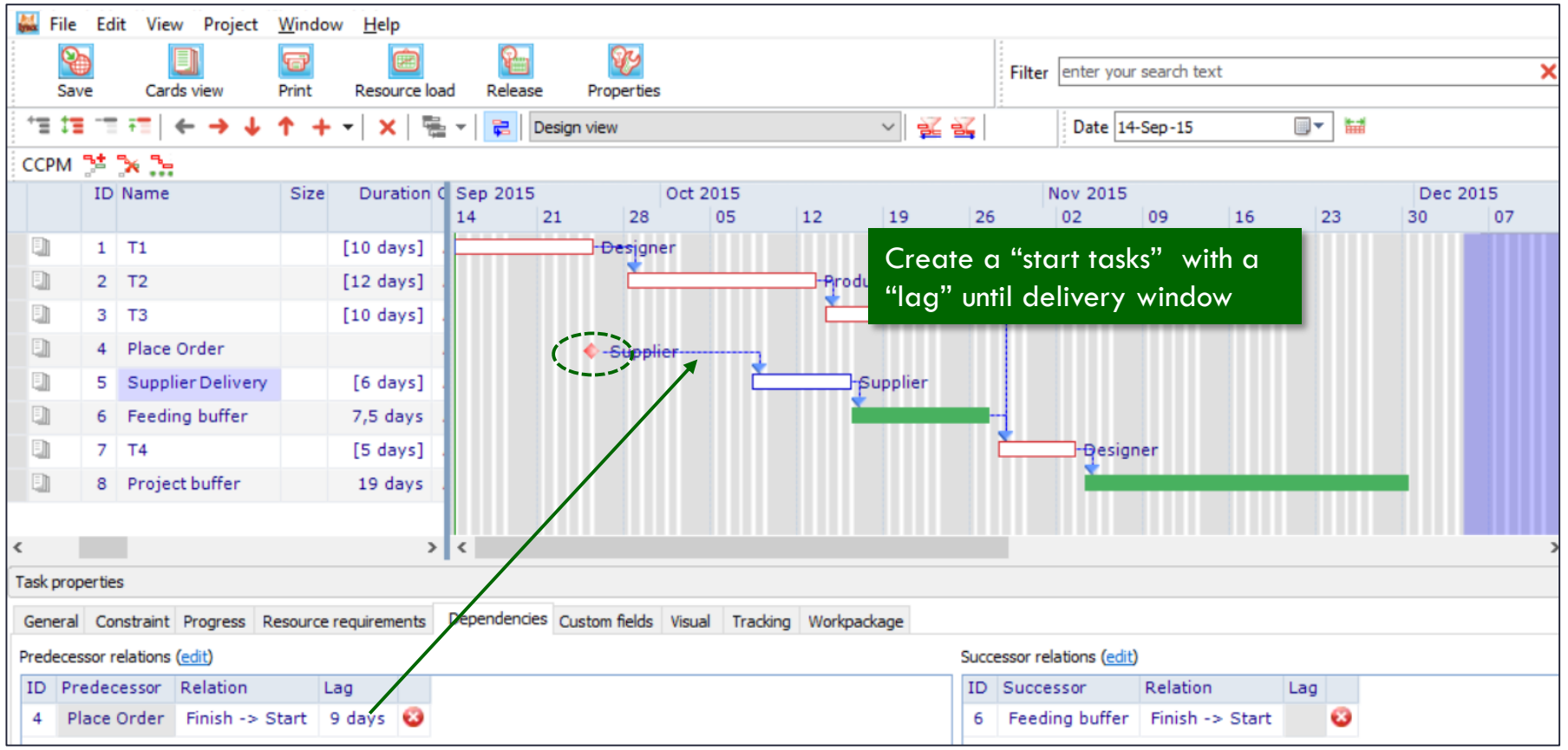
Only monitor a delivery window of e.g. 6 days, around the delivery due-date.

Update ETTC until delivery has taken place.

Option 2

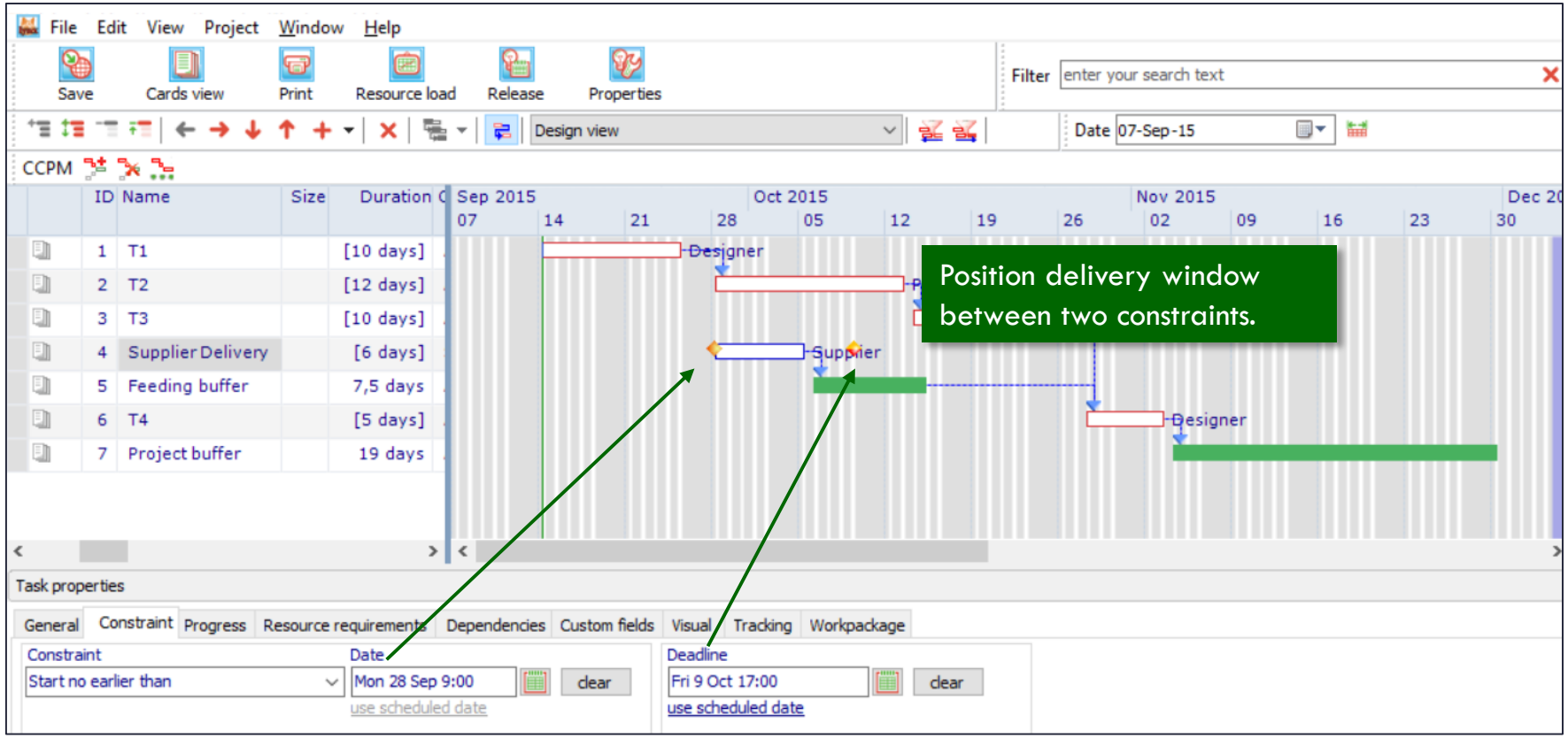

Design view
Date 14-Sep-15
CCPM
ID Name Size Duration
Sep 2015 Oct 2015 Nov 2015 Dec 201
14 21 28 05 12 19 26 02 09 16 23 30
1 T1 [10 days]
2 T2 [12 days]
3 T3 [10 days]
4 Supplier Delivery [6 days]
5 Feeding buffer 7,5 days
6 T4 [5 days]
Designer
Product Engineer
System Engineer
Supplier
Designer
Use a "constraint" to position the 6 days delivery window at a particular date.
Task properties
General Constraint Progress Resource requirements Dependencies Custom fields Visual Tracking Workpackage
Constraint
As soon as possible
Date
clear
use scheduled date
Deadline
Fri 9 Oct 17:00
clear
use scheduled date

Option 3


File Edit View Project Window Help
Save
Cards view
Print
Resource load
Release
Properties
Filter
enter your search text
Design view
Date 14-Sep-15
CCPM
ID Name Size Duration
Sep 2015
Oct 2015
Nov 2015
Dec 2015
14 21 28 05 12 19 26 02 09 16 23 30 07
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
Designer
Supplier
Supplier
Designer
Create a "start tasks" with a "lag" until delivery window
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

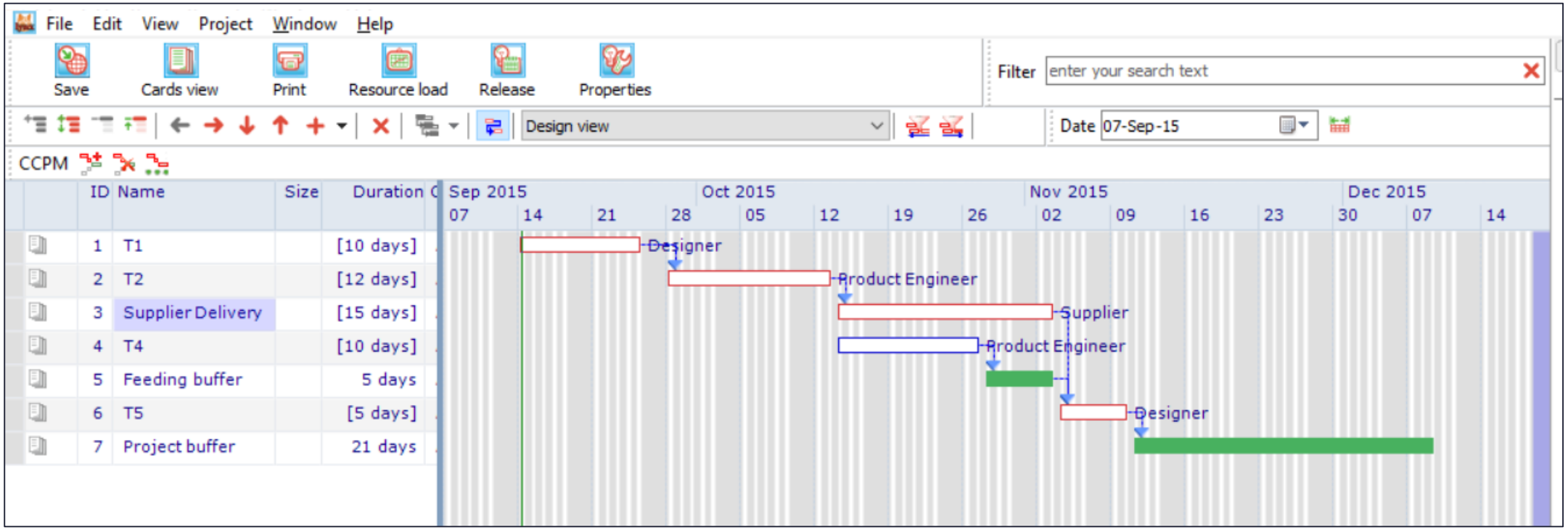
Option 4

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



Example 2

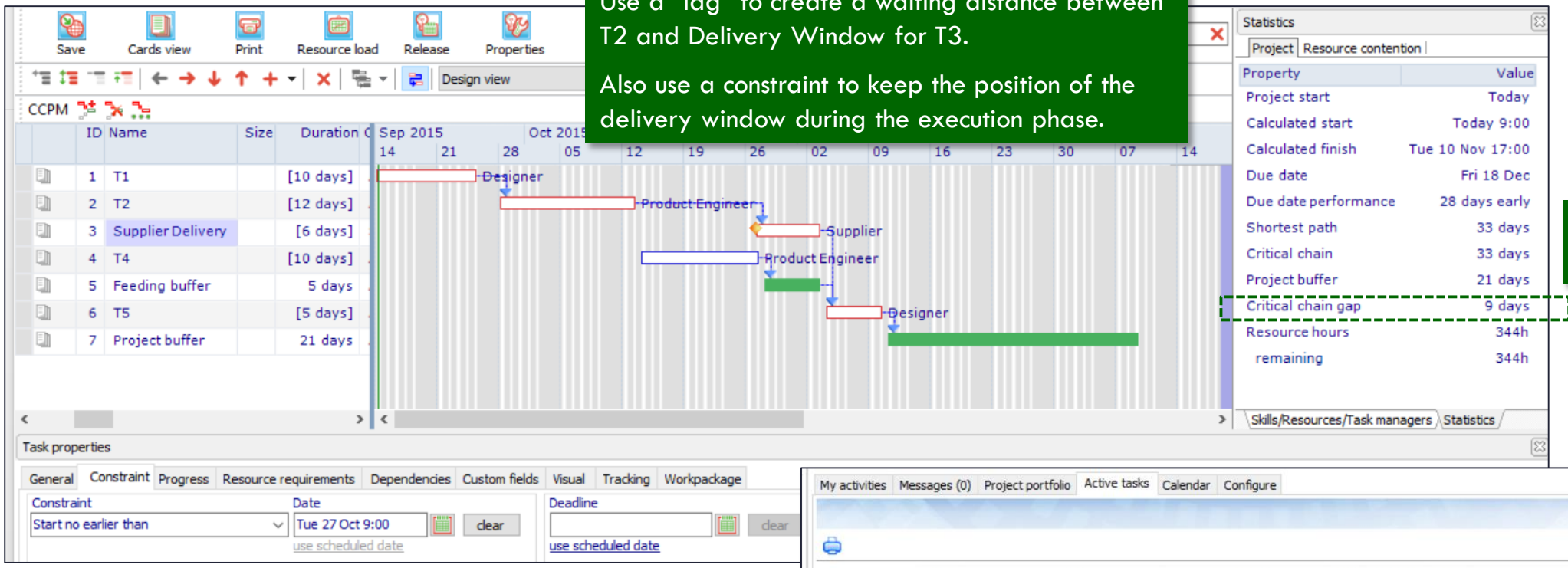
Supplier task is on the Critical Chain



Option 1

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.