GET STARTED WITH LYNX

Understanding Project Statistics

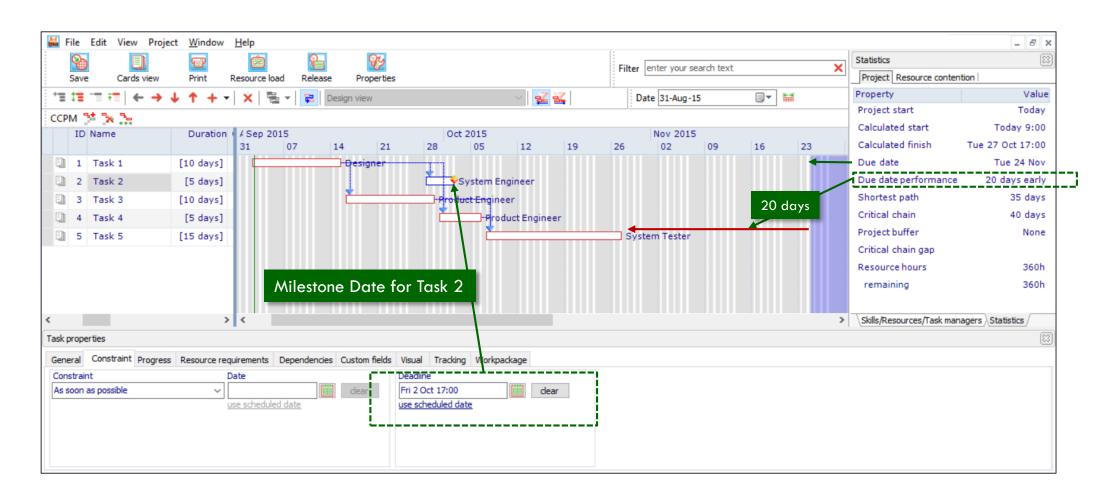


Topics

- **D** Example Project
- Statistics Not started Mode
- **D** Statistics Released Mode
 - Project Buffer Statistics
 - Controlling Buffer Statistics (Milestone Buffer)
 - Project and Project Portfolio Statistics
 - Milestone Buffers
 - Project Buffers
- Expected Finish Calculation
- Measuring Progress
 - Current Longest Chain (clc) and Critical Chain (cc)
- **Gaps on the Current Longest Chain**



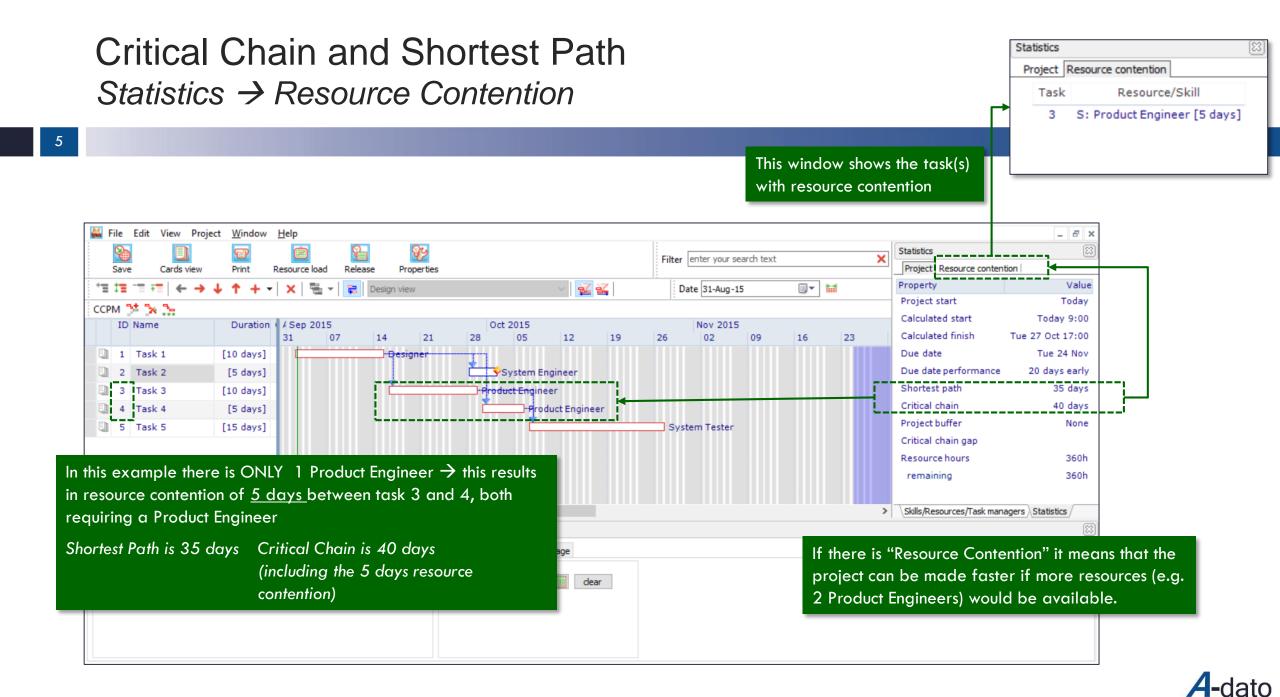
Example Project Project status = "Not started"





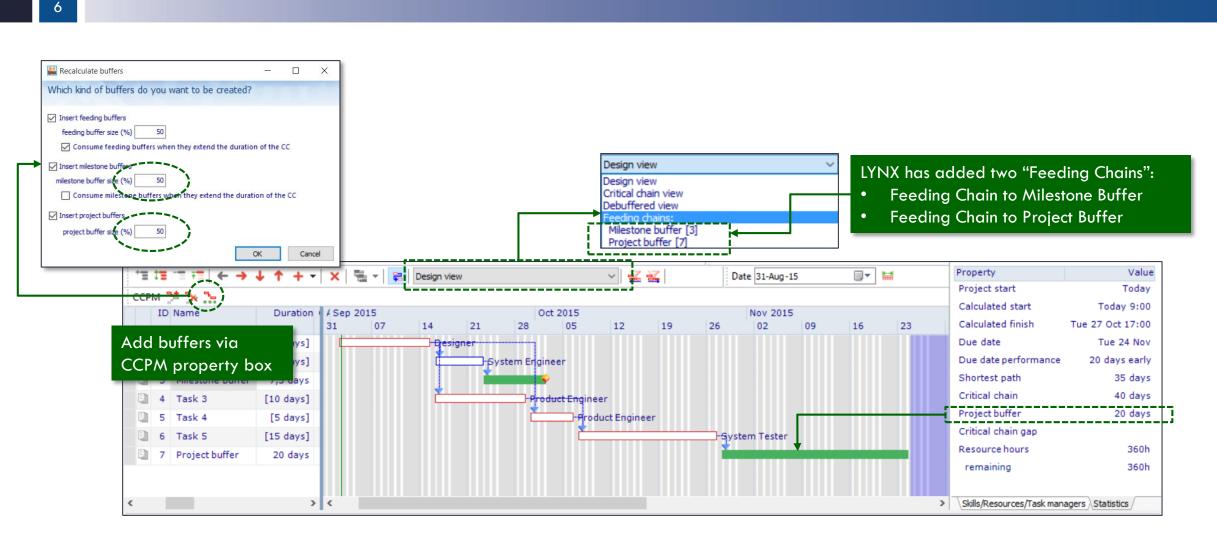
Statistics – Not Started Mode

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Adding buffers via CCPM Property Box

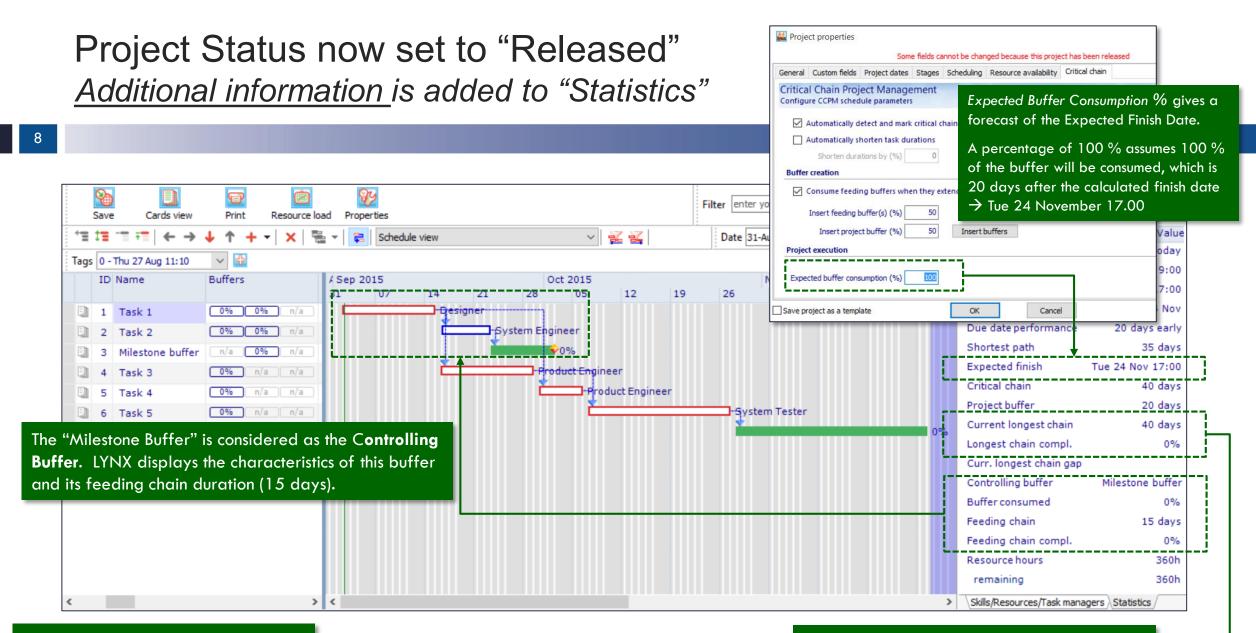
Milestone Buffer and Project Buffer







Project and Project Portfolio Statistics



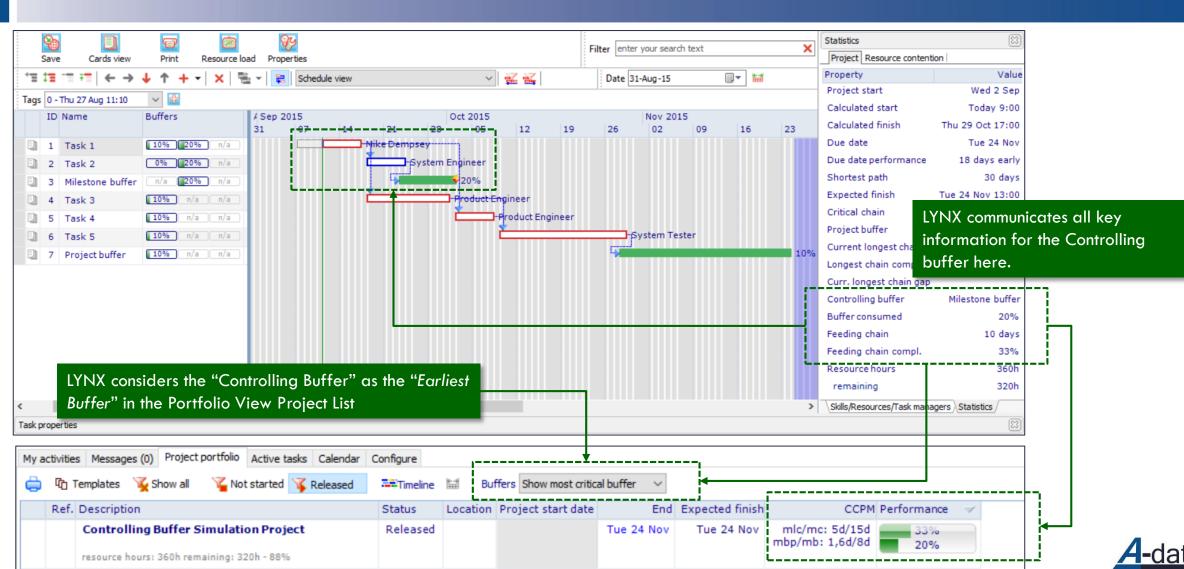
Only a Milestone Buffer or a Project Buffer can be a "Controlling Buffer". (Feeding buffers are excluded)

After release, LYNX starts tracking the Current Longest Chain. Initially the Current Longest Chain is equal to the Critical Chain.



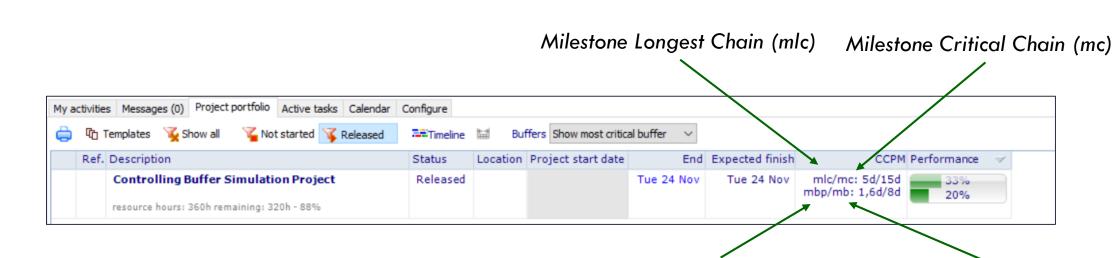
Controlling Buffer Information in Project View

= "Earliest Buffer" in Portfolio view



Understanding Project Portfolio Statistics Milestone Buffer Indicators

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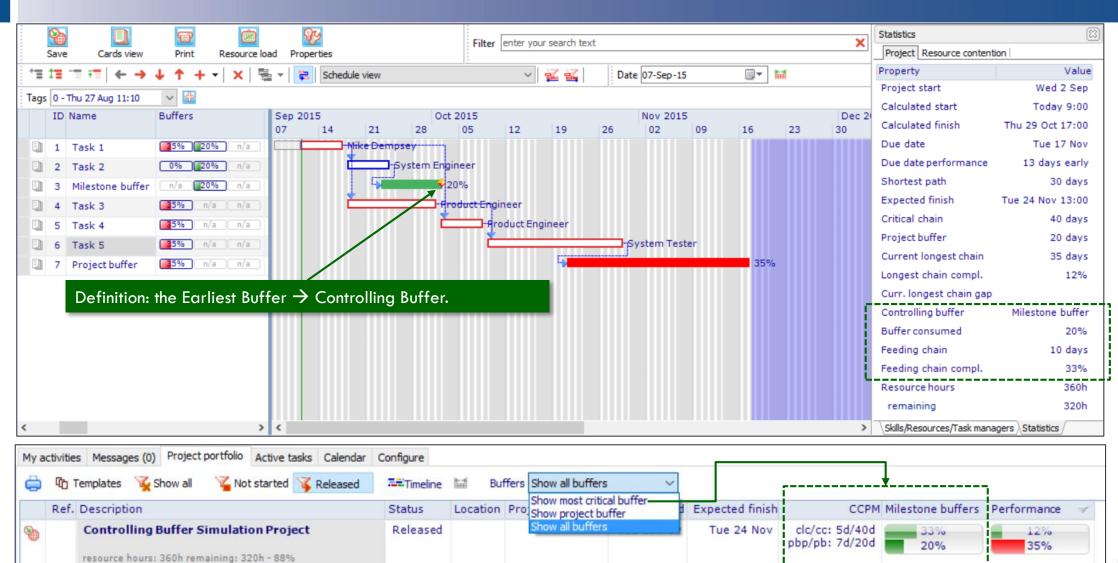


Milestone Buffer Penetration (mpb)





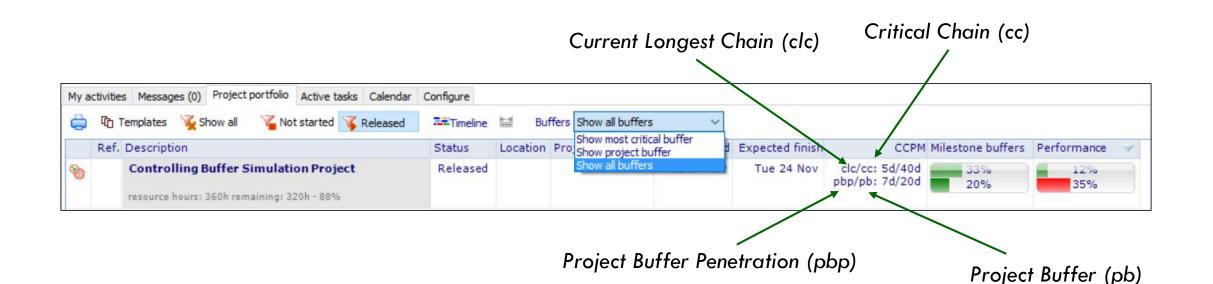
<u>Current definition of "Controlling Buffer"</u> Controlling Buffer is Buffer with "Earliest Due Date"



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Understanding Project Portfolio Statistics Project Buffer Indicators

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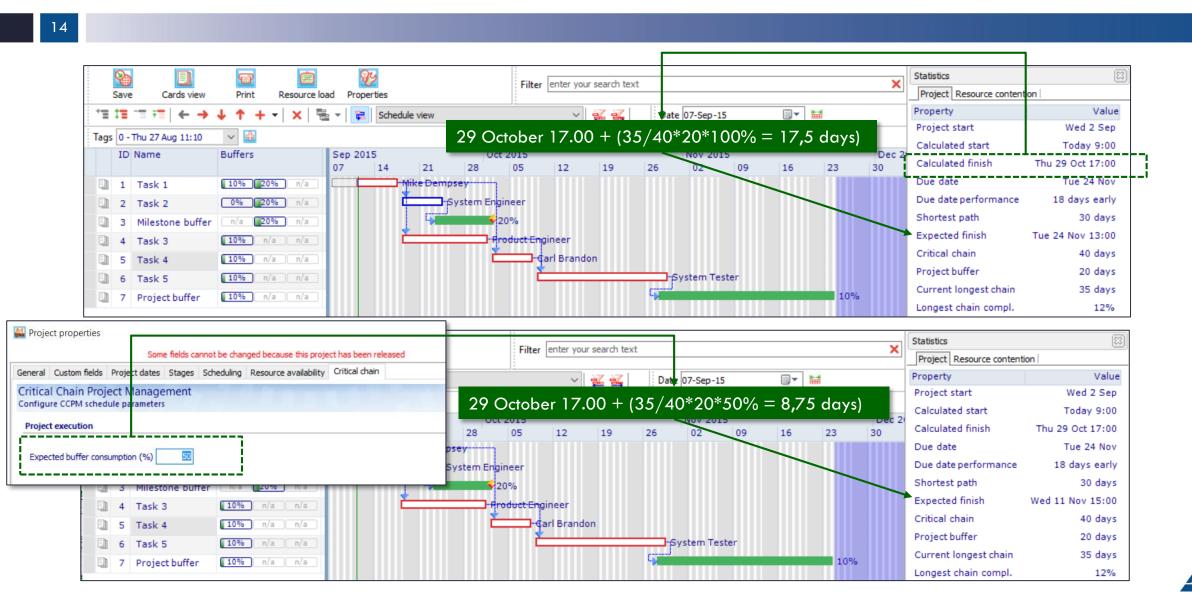
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Expected Finish Calculation

Expected Finish Formula (1)

Calculated Finish + CLC (current longest chain)/CC*buffersize* % Expected Buffer consumption



Expected Finish Formula (2)

29 October 17.00 + (35/40*20*100% = 17,5 days) = 24 November

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		Ref	. Description	Status	Project start date	End	Expected finish	CCPM	Performance	1
			Controlling Buffer Simulation Project	Released		Tue 24 Nov		mlc/mc: 5d/15d mbp/mb: 1,6d/8d		
			resource hours: 360h remaining: 320h - 88%						2010	

29 October 17.00 + (35/40*20*50% = 8,75 days) = 11 November

ctivities Messages (0) Project portfolio Active tasks Calendar	Configure					
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Ref. Description	Status	Project start date	End	Expected finish	CCPM	Performance 💛
Controlling Buffer Simulation Project	Released		Tue 24 Nov		mlc/mc: 5d/15d mbp/mb: 1,6d/8d	33% 20%

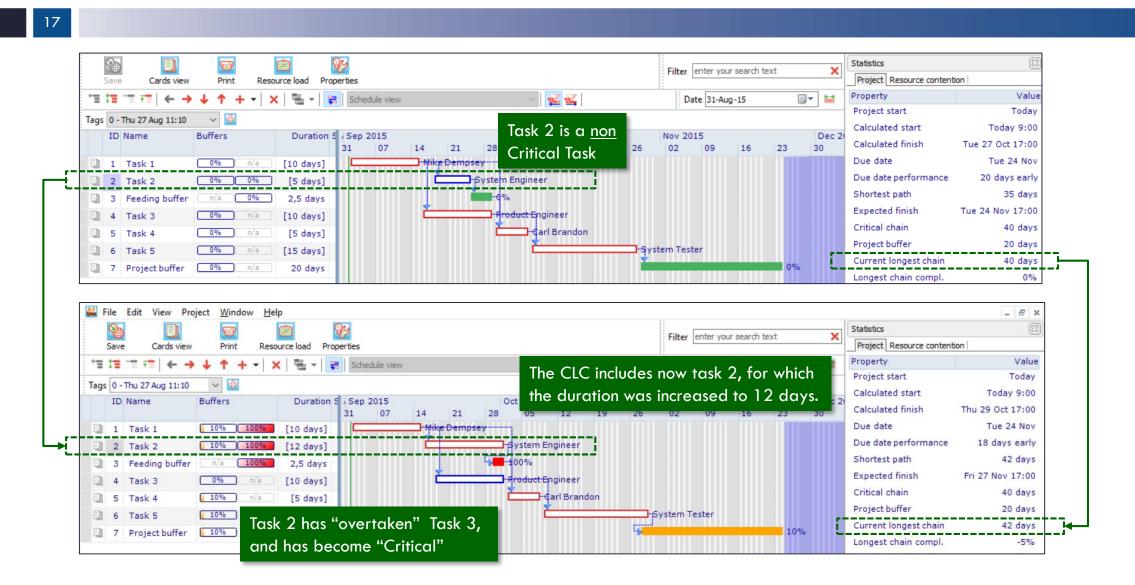




Measuring Progress

Current Longest Chain (clc) compared to the original Critical Chain (cc)

Current Longest Chain (clc) and Critical Chain (cc) (1) CLC is measuring the longest chain during execution phase

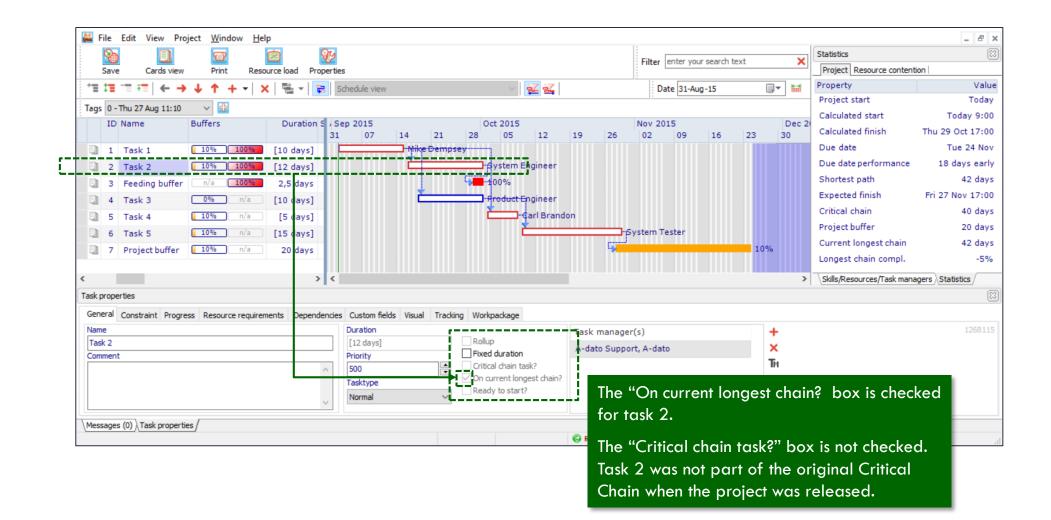




Current Longest Chain and Critical Chain (2)

Task 2 was not part of Critical Chain, but has become part of the Current Longest Chain

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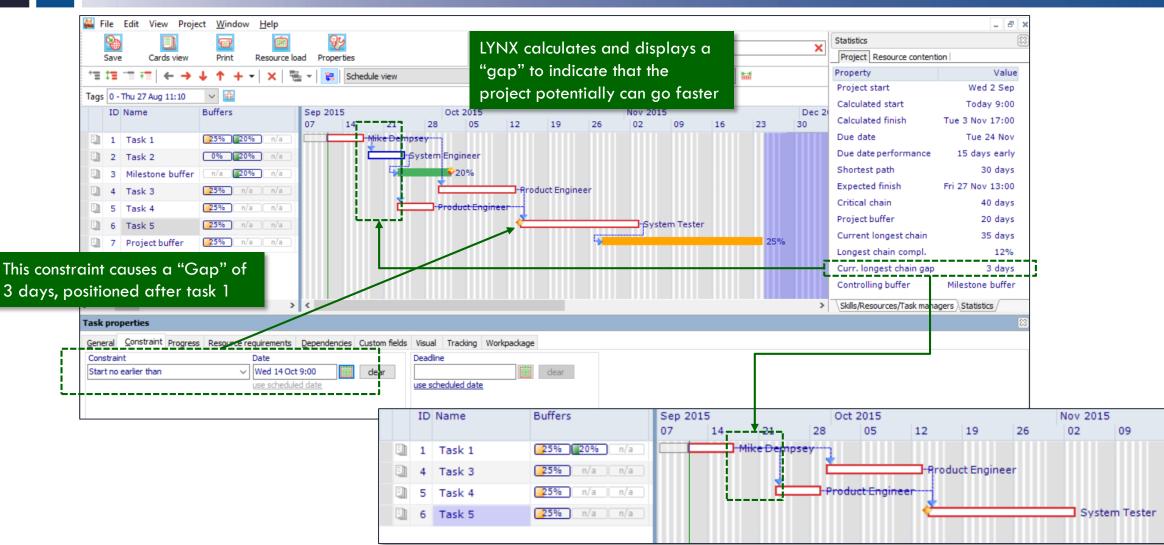




On the Current Longest Chain

Current Longest Chain Gap (1) Caused by a "Constraint"



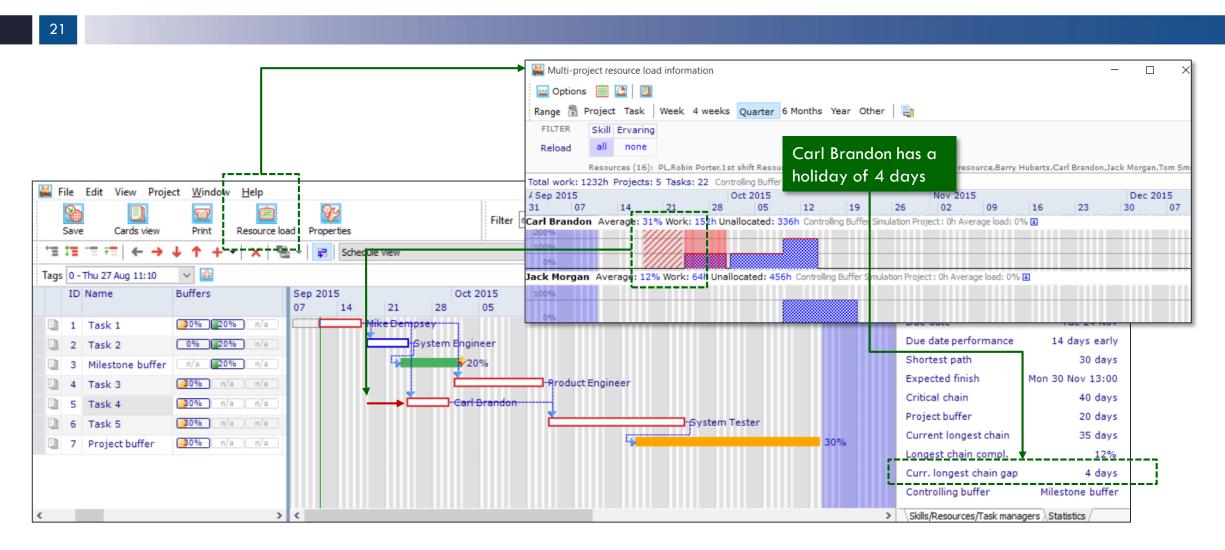


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Current Longest Chain Gap (2)

Caused by a Resource Non-Availability period (Carl Brandon)





Critical Chain / Current Longest Chain Gap (3) Result of inserting a buffer (e.g. feeding buffer) setting

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Ð	2 Task 2	[9 days]	As soon as		-System Engir	eer				Due date performant	e 16,5 days earl
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Project start and Calculated Start

