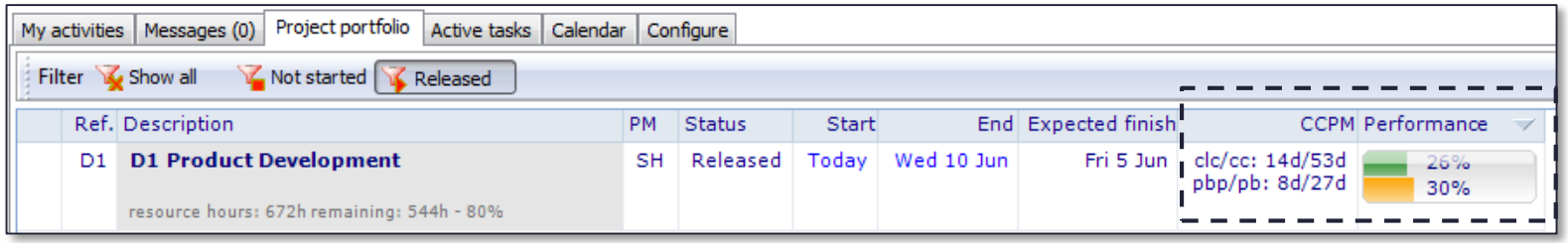
PROJECT RESCHEDULING BEHAVIOUR

D1 Project – Training Example

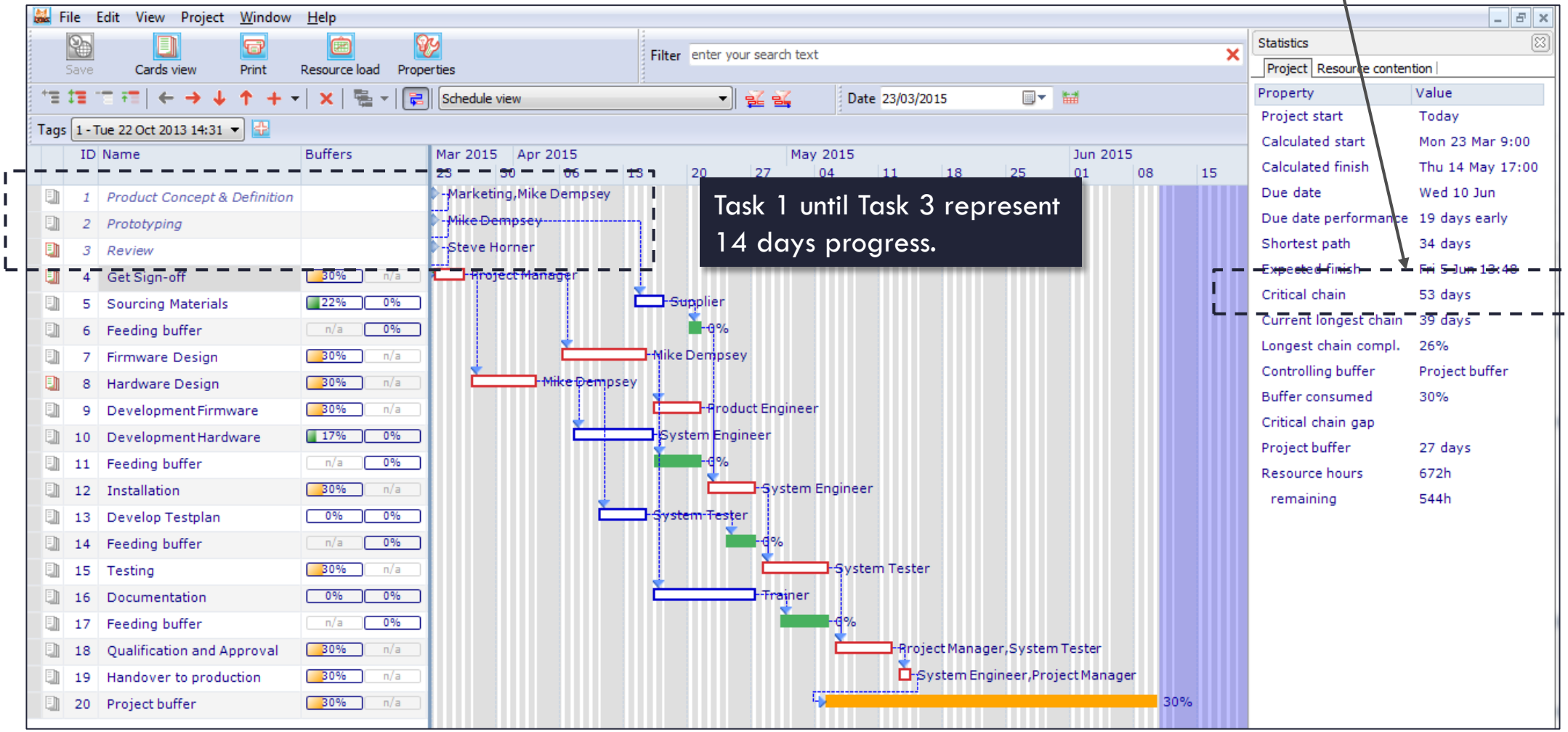
Rescheduling example “based on current progress”

A-dato

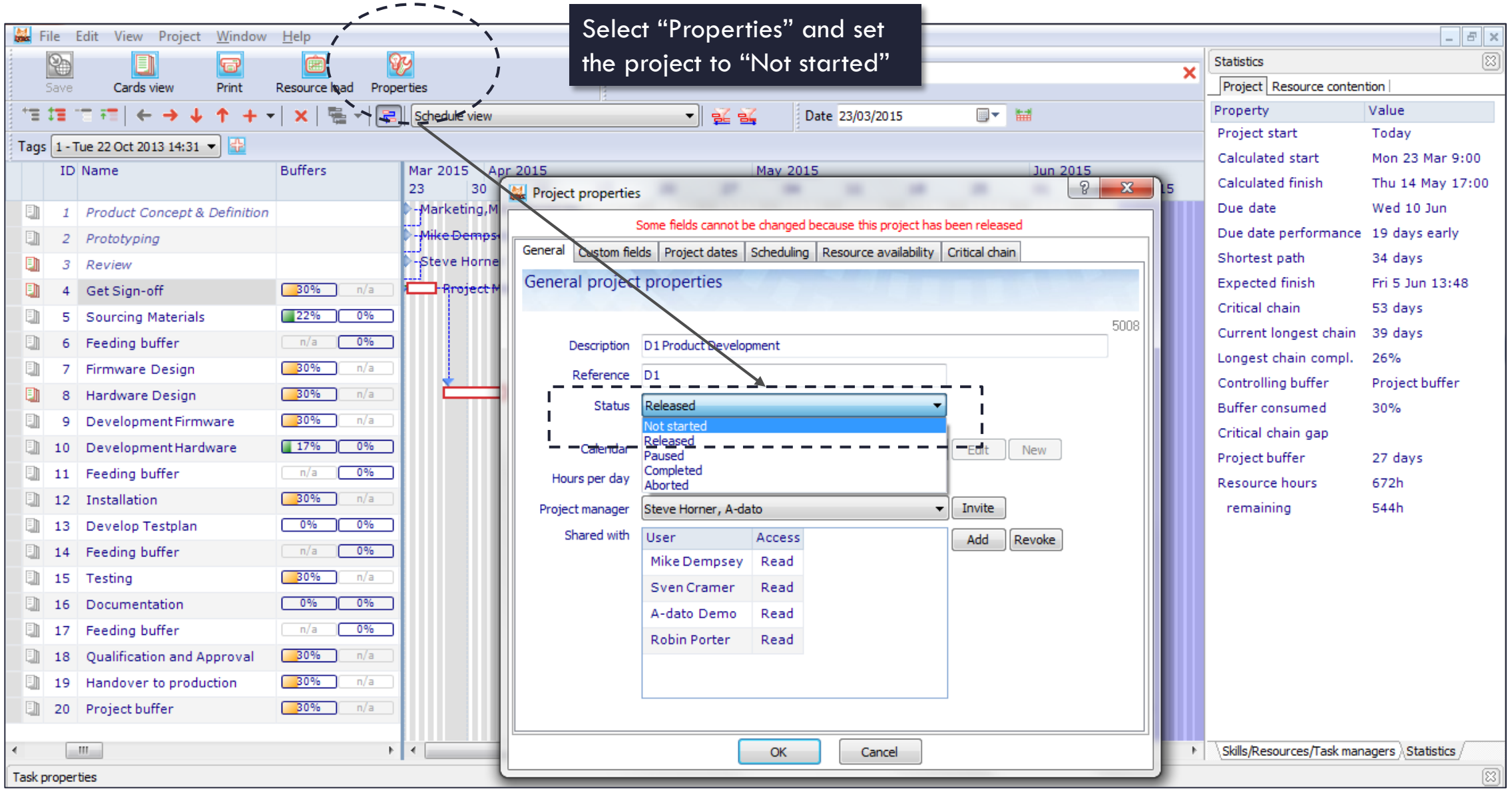
High Performance Delivered

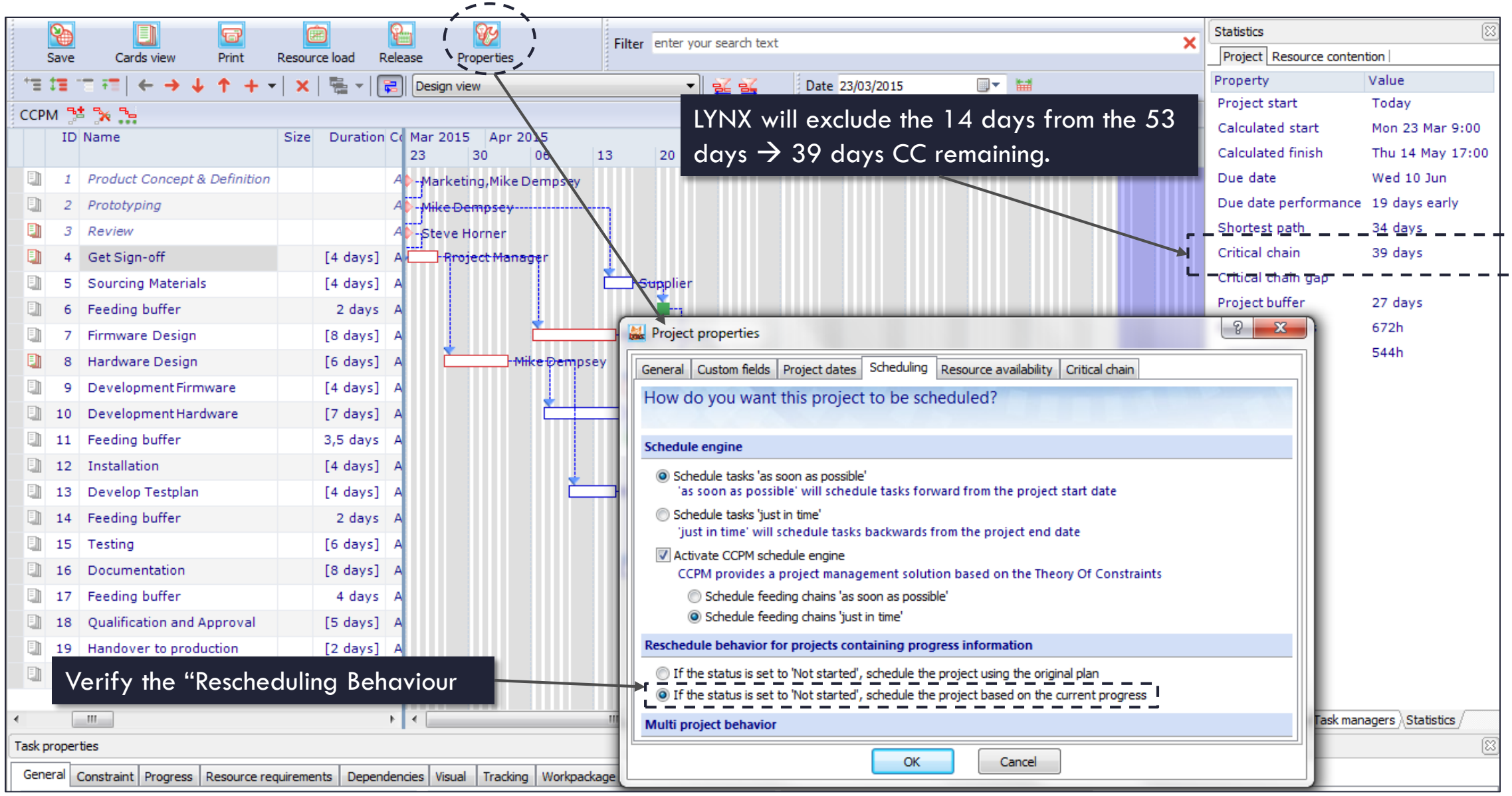


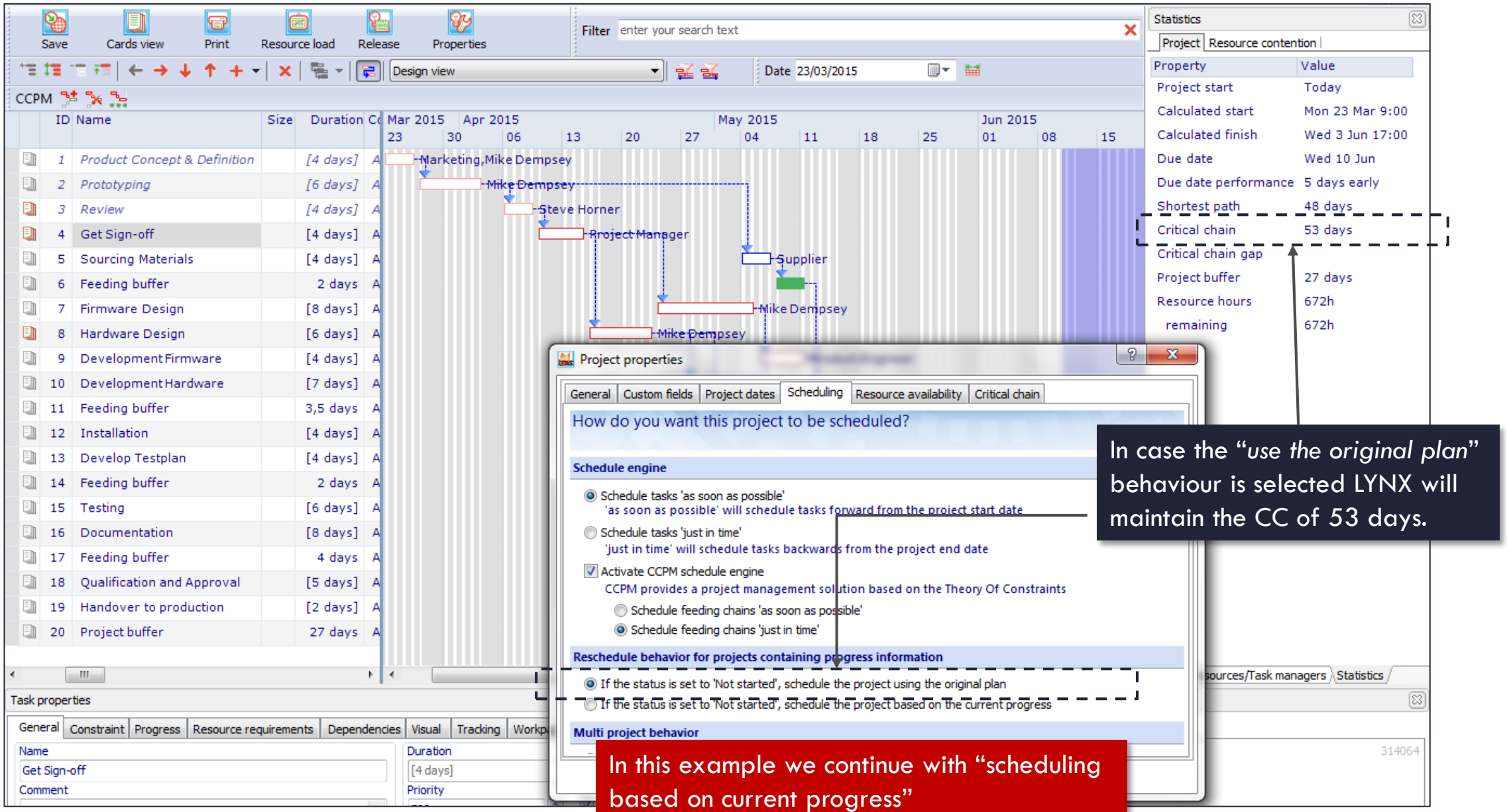
14 days progress has been achieved (26%). The Critical Chain duration is 53 days.



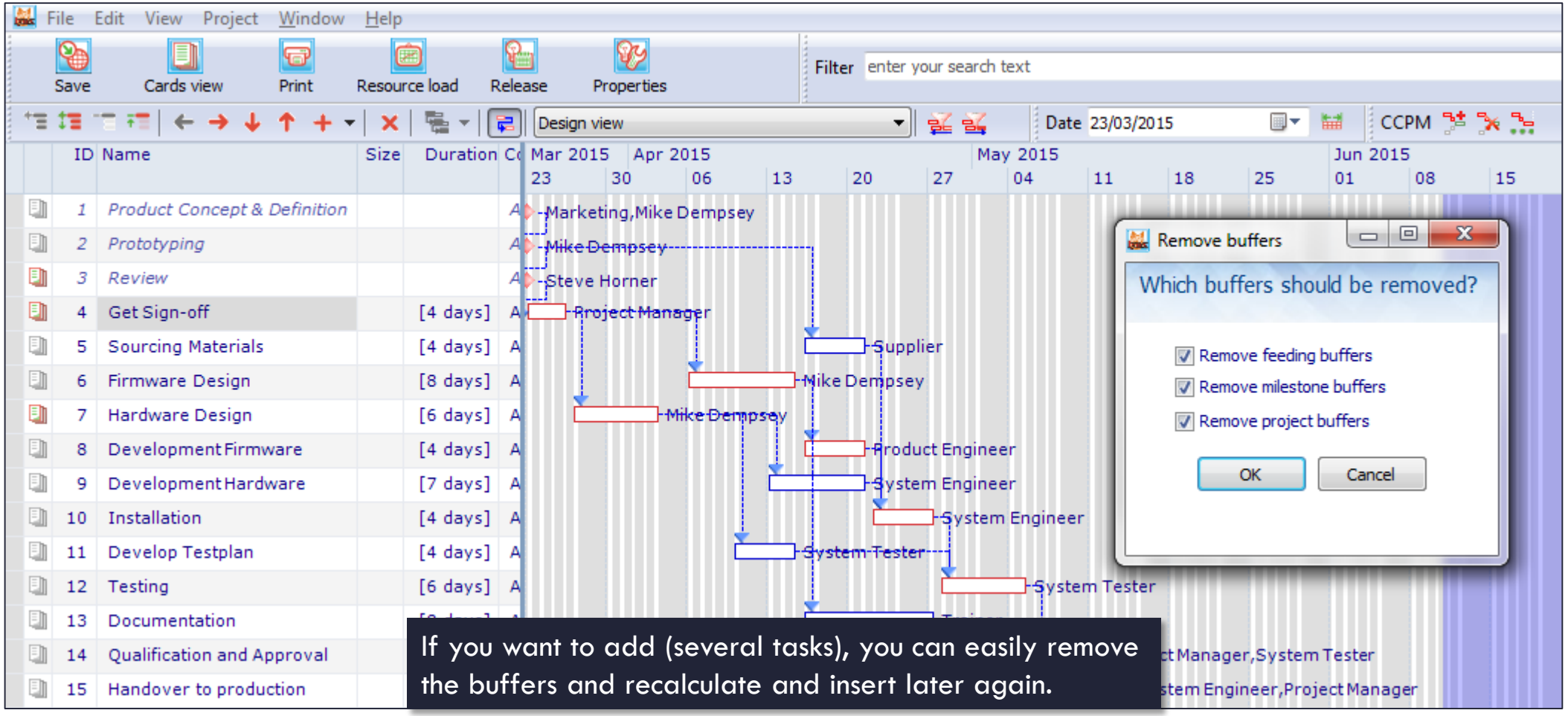
Task 1 until Task 3 represent 14 days progress.


Select “Properties” and set the project to “Not started”
File Edit View Project Window Help
Save
Cards view
Print
Resource load
Properties
Schedule view
Date 23/03/2015
Tags 1 - Tue 22 Oct 2013 14:31
ID Name Buffers
1 Product Concept & Definition
2 Prototyping
3 Review
4 Get Sign-off 30% n/a
5 Sourcing Materials 22% 0%
6 Feeding buffer n/a 0%
7 Firmware Design 30% n/a
8 Hardware Design 30% n/a
9 Development Firmware 30% n/a
10 Development Hardware 17% 0%
11 Feeding buffer n/a 0%
12 Installation 30% n/a
13 Develop Testplan 0% 0%
14 Feeding buffer n/a 0%
15 Testing 30% n/a
16 Documentation 0% 0%
17 Feeding buffer n/a 0%
18 Qualification and Approval 30% n/a
19 Handover to production 30% n/a
20 Project buffer 30% n/a
Mar 2015
Apr 2015
May 2015
Jun 2015
Project properties
Some fields cannot be changed because this project has been released
General
Custom fields
Project dates
Scheduling
Resource availability
Critical chain
General project properties
5008
Description D1 Product Development
Reference D1
Status Released
Not started
Released
Paused
Completed
Aborted
Calendar
Edit
New
Hours per day
Project manager Steve Horner, A-dato
Invite
Shared with
User Access
Mike Dempsey Read
Sven Cramer Read
A-dato Demo Read
Robin Porter Read
Add
Revoke
OK
Cancel
Statistics
Project
Resource contention
Property Value
Project start Today
Calculated start Mon 23 Mar 9:00
Calculated finish Thu 14 May 17:00
Due date Wed 10 Jun
Due date performance 19 days early
Shortest path 34 days
Expected finish Fri 5 Jun 13:48
Critical chain 53 days
Current longest chain 39 days
Longest chain compl. 26%
Controlling buffer Project buffer
Buffer consumed 30%
Critical chain gap
Project buffer 27 days
Resource hours 672h
remaining 544h
Skills/Resources/Task managers
Statistics
Task properties

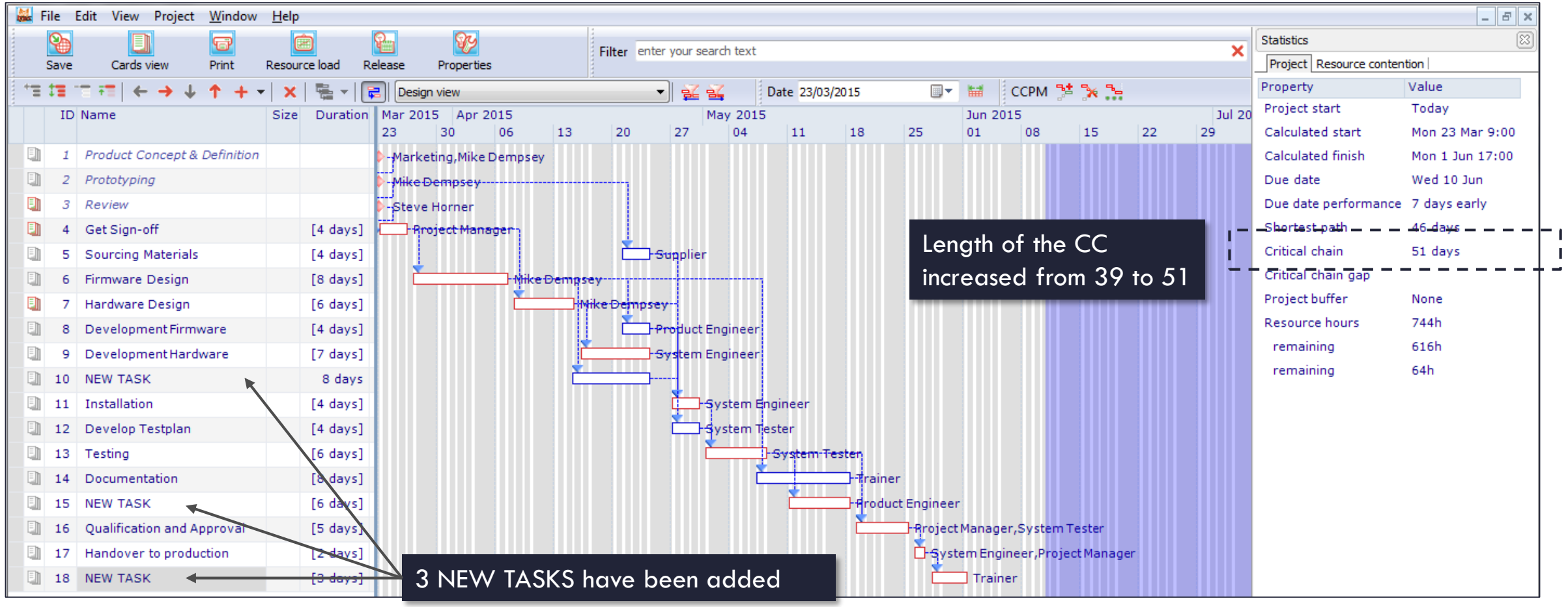

Save
Cards view
Print
Resource load
Release
Properties
Filter
enter your search text
Design view
Date 23/03/2015
CCPM
ID Name Size Duration
Mar 2015 Apr 2015
23 30 06 13 20
1 Product Concept & Definition
2 Prototyping
3 Review
4 Get Sign-off [4 days]
5 Sourcing Materials [4 days]
6 Feeding buffer 2 days
7 Firmware Design [8 days]
8 Hardware Design [6 days]
9 Development Firmware [4 days]
10 Development Hardware [7 days]
11 Feeding buffer 3,5 days
12 Installation [4 days]
13 Develop Testplan [4 days]
14 Feeding buffer 2 days
15 Testing [6 days]
16 Documentation [8 days]
17 Feeding buffer 4 days
18 Qualification and Approval [5 days]
19 Handover to production [2 days]
Marketing,Mike Dempsey
Mike Dempsey
Steve Horner
Project Manager
Supplier
Mike Dempsey
LYNX will exclude the 14 days from the 53 days → 39 days CC remaining.
Statistics
Project
Resource contention
Property
Value
Project start
Today
Calculated start
Mon 23 Mar 9:00
Calculated finish
Thu 14 May 17:00
Due date
Wed 10 Jun
Due date performance
19 days early
Shortest path
34 days
Critical chain
39 days
Critical chain gap
Project buffer
27 days
672h
544h
Project properties
General
Custom fields
Project dates
Scheduling
Resource availability
Critical chain
How do you want this project to be scheduled?
Schedule engine
Schedule tasks 'as soon as possible'
'as soon as possible' will schedule tasks forward from the project start date
Schedule tasks 'just in time'
'just in time' will schedule tasks backwards from the project end date
Activate CCPM schedule engine
CCPM provides a project management solution based on the Theory Of Constraints
Schedule feeding chains 'as soon as possible'
Schedule feeding chains 'just in time'
Reschedule behavior for projects containing progress information
If the status is set to 'Not started', schedule the project using the original plan
If the status is set to 'Not started', schedule the project based on the current progress
Multi project behavior
OK
Cancel
Verify the "Rescheduling Behaviour
Task managers
Statistics
Task properties
General
Constraint
Progress
Resource requirements
Dependencies
Visual
Tracking
Workpackage

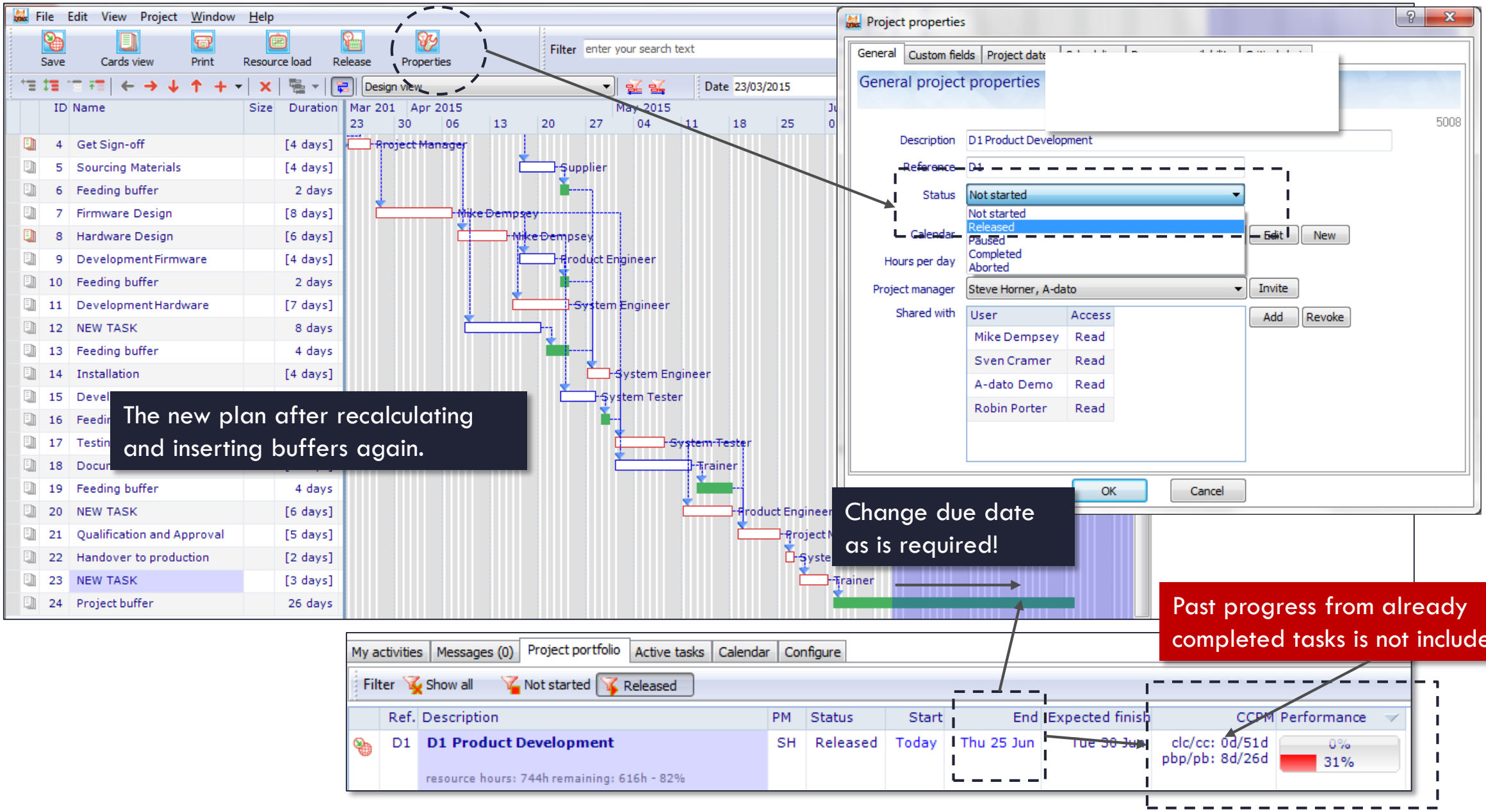

Save
Cards view
Print
Resource load
Release
Properties
Filter
enter your search text
Design view
Date 23/03/2015
CCPM
ID Name Size Duration
Mar 2015 Apr 2015 May 2015 Jun 2015
23 30 06 13 20 27 04 11 18 25 01 08 15
1 Product Concept & Definition [4 days]
2 Prototyping [6 days]
3 Review [4 days]
4 Get Sign-off [4 days]
5 Sourcing Materials [4 days]
6 Feeding buffer 2 days
7 Firmware Design [8 days]
8 Hardware Design [6 days]
9 Development Firmware [4 days]
10 Development Hardware [7 days]
11 Feeding buffer 3,5 days
12 Installation [4 days]
13 Develop Testplan [4 days]
14 Feeding buffer 2 days
15 Testing [6 days]
16 Documentation [8 days]
17 Feeding buffer 4 days
18 Qualification and Approval [5 days]
19 Handover to production [2 days]
20 Project buffer 27 days
Marketing,Mike Dempsey
Mike Dempsey
Steve Horner
Project Manager
Supplier
Mike Dempsey
Mike Dempsey
Statistics
Project
Resource contention
Property
Value
Project start
Today
Calculated start
Mon 23 Mar 9:00
Calculated finish
Wed 3 Jun 17:00
Due date
Wed 10 Jun
Due date performance
5 days early
Shortest path
48 days
Critical chain
53 days
Critical chain gap
Project buffer
27 days
Resource hours
672h
remaining
672h
Project properties
General
Custom fields
Project dates
Scheduling
Resource availability
Critical chain
How do you want this project to be scheduled?
Schedule engine
Schedule tasks 'as soon as possible'
'as soon as possible' will schedule tasks forward from the project start date
Schedule tasks 'just in time'
'just in time' will schedule tasks backwards from the project end date
Activate CCPM schedule engine
CCPM provides a project management solution based on the Theory Of Constraints
Schedule feeding chains 'as soon as possible'
Schedule feeding chains 'just in time'
Reschedule behavior for projects containing progress information
If the status is set to 'Not started', schedule the project using the original plan
If the status is set to 'Not started', schedule the project based on the current progress
Multi project behavior
In case the "use the original plan" behaviour is selected LYNX will maintain the CC of 53 days.
In this example we continue with "scheduling based on current progress"
Task properties
General
Constraint
Progress
Resource requirements
Dependencies
Visual
Tracking
Name
Get Sign-off
Comment
Duration
[4 days]
Priority

Update your project as needed



Adding tasks

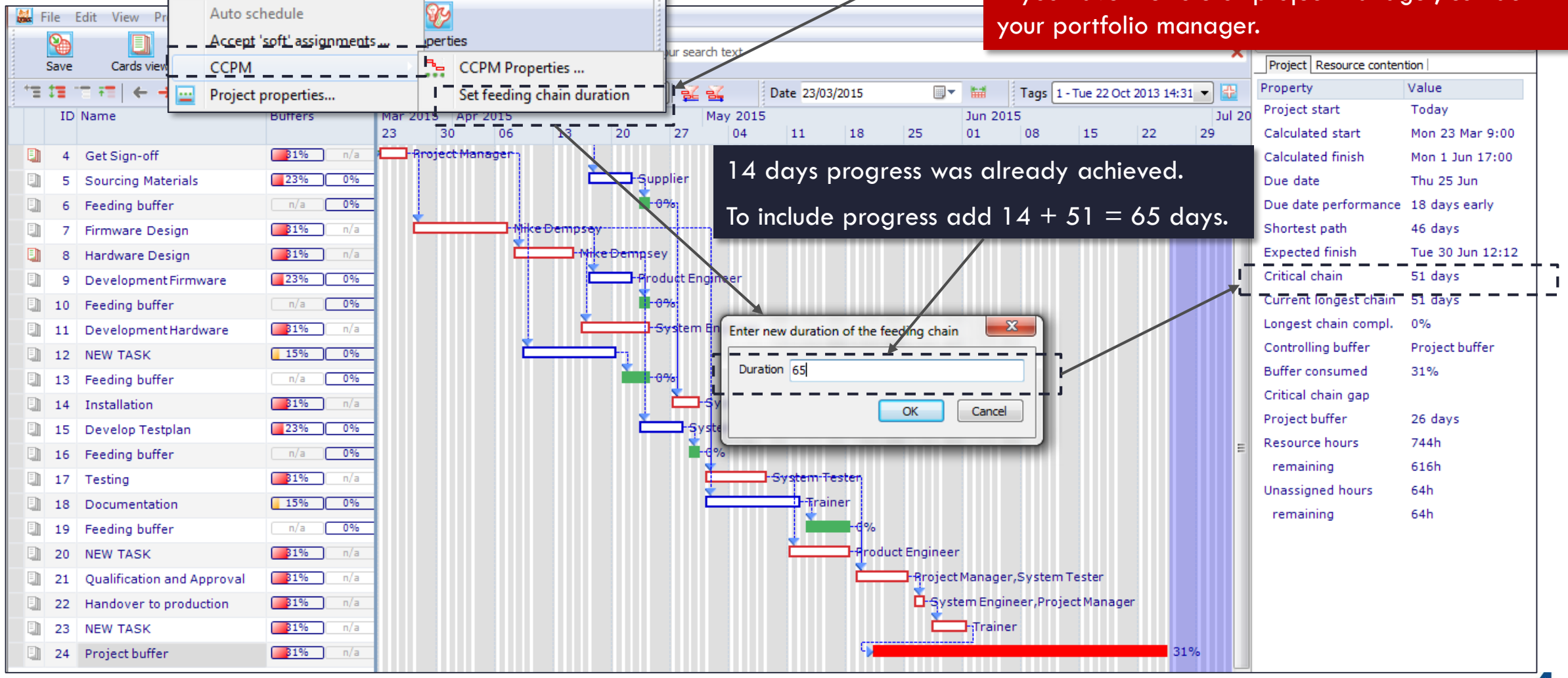



File Edit View Project Window Help
Save
Cards view
Print
Resource load
Release
Properties
Filter
enter your search text
Design view
Date 23/03/2015
ID Name Size Duration
Mar 201 Apr 2015 May 2015
23 30 06 13 20 27 04 11 18 25
4 Get Sign-off [4 days]
5 Sourcing Materials [4 days]
6 Feeding buffer 2 days
7 Firmware Design [8 days]
8 Hardware Design [6 days]
9 Development Firmware [4 days]
10 Feeding buffer 2 days
11 Development Hardware [7 days]
12 NEW TASK 8 days
13 Feeding buffer 4 days
14 Installation [4 days]
15 Devel
16 Feedir
17 Testin
18 Docur
19 Feeding buffer 4 days
20 NEW TASK [6 days]
21 Qualification and Approval [5 days]
22 Handover to production [2 days]
23 NEW TASK [3 days]
24 Project buffer 26 days
Project Manager
Supplier
Mike Dempsey
Mike Dempsey
Product Engineer
System Engineer
System Engineer
System Tester
System Tester
Trainer
Product Engineer
Trainer
The new plan after recalculating and inserting buffers again.
Project properties
General
Custom fields
Project date
General project properties
5008
Description D1 Product Development
Reference D1
Status Not started
Not started
Released
Paused
Completed
Aborted
Calendar
Edit
New
Hours per day
Project manager Steve Horner, A-dato
Invite
Shared with
User Access
Mike Dempsey Read
Sven Cramer Read
A-dato Demo Read
Robin Porter Read
Add
Revoke
OK
Cancel
Change due date as is required!
My activities
Messages (0)
Project portfolio
Active tasks
Calendar
Configure
Filter
Show all
Not started
Released
Ref. Description PM Status Start End Expected finish CCPM Performance
D1 D1 Product Development SH Released Today Thu 25 Jun
resource hours: 744h remaining: 616h - 82%
clc/cc: 0d/51d
pbp/pb: 8d/26d
0%
31%
Past progress from already completed tasks is not included yet!

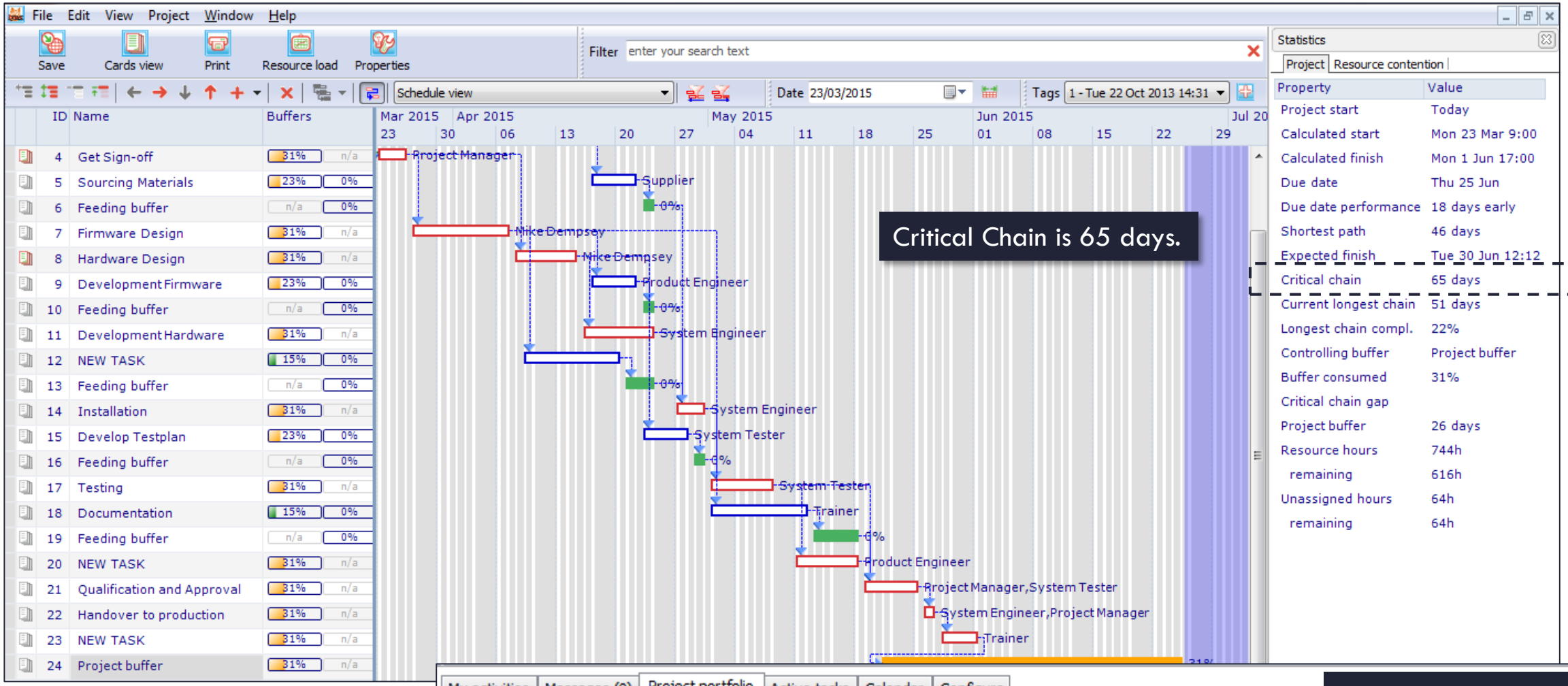
Adding past progress via
"Set feeding chain duration"

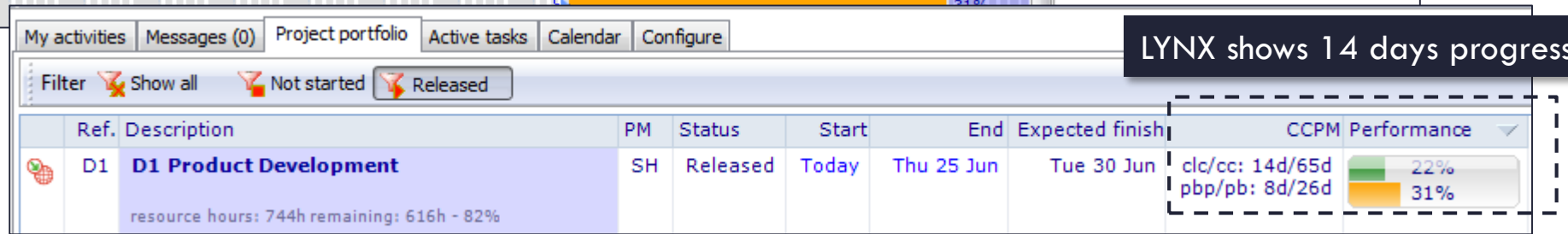
Currently the function "**Setting the feeding chain duration"** is available only for users with the role "Workspace Owner" (Master scheduler or portfolio manager).

If you have the role of project manager, contact your portfolio manager.



Rescheduling result for project D1.





LYNX shows 14 days progress.