Workshop 4
Gang Runs – how can I use them sensibly?

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Ganging Workflow? What's in for me?

Placing a variety of ‚small' jobs on larger printing devices …
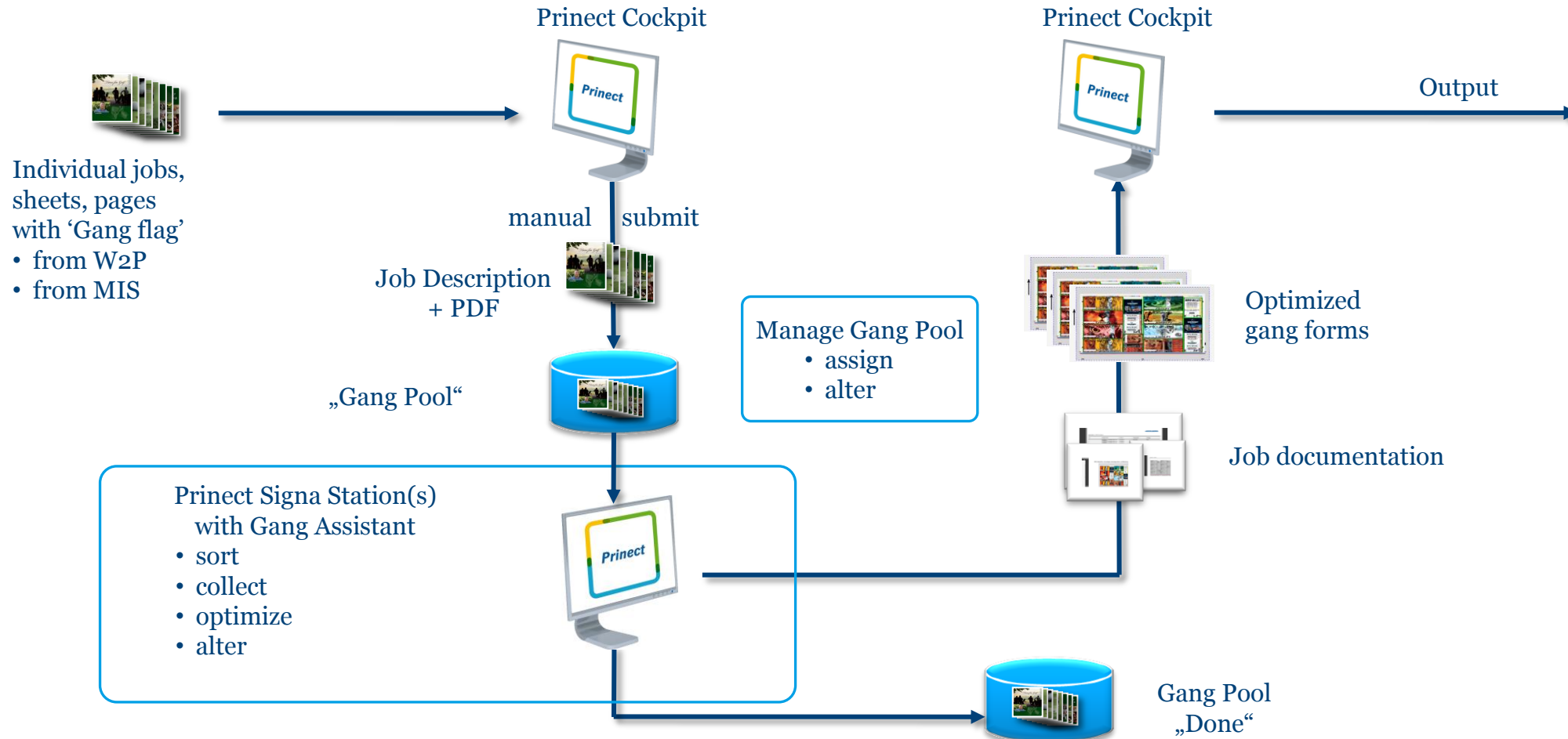
→ Better machine utilization

→ Extends the variety of jobs you as printers can offer at competitive pricing
(less makeready time, production time, printing material (waste))

→ Prinect Gang Assistant automatically calculates optimal gang forms

→ Prinect provides the overview on customer jobs and their production status in gang jobs
- not only in the production workflow BUT ALSO in Business Manager

Prinect Ganging Workflow

Prinect Cockpit

Prinect Cockpit

Output

Individual jobs,
sheets, pages
with 'Gang flag'
- from W2P
- from MIS

manual   submit

Job Description
+ PDF

Manage Gang Pool
- assign
- alter

Optimized
gang forms

„Gang Pool"

Job documentation

Prinect Signa Station(s)
with Gang Assistant
- sort
- collect
- optimize
- alter

Gang Pool
„Done"

Prinect Ganging 2016 – fit for production demands

→ Easier / earlier access to gang pool from Prinect Signa Station and Prinect Cockpit

→ Use pre-defined Layouts
    (e.g. for specific finishing equipment and for further ganging automation)

→ Prinect Gang Assistant calculates results for several plate templates
    – and utilizes the optimum alternative

→ possibility to alter gang forms

→ Planning / delegation of work steps improved

→ Better status / relation tracking for source and gang jobs

→ Gang forms of versioned covers

Gang Runs – (how) can I use them sensibly?

1. Input to gang pool
    → without MIS/Web Shop
        - submit Cover to ganging
        - submit job from job list to ganging
    → Web Shop with Smart Automation (or MIS)
        - Sketchbook-Cover was sent to gang pool automatically / job info from Smart Automation
          with all job info

2. Is it sensible to start a gang job ? – Gang Pool can be opened from Cockpit

3. Create and produce gang job(s)
    Create – make form(s) with Prinect Signa Station Gang Assistant (– change gang form)– 'print ' gang form
    info – produce + follow status

4. NEW: Integrated workflow with Business Manager

Ganging in Production
Submit to Ganging

→ Regard MIS Paper for Gang Pool Description

→ Allow parts of a multipage file

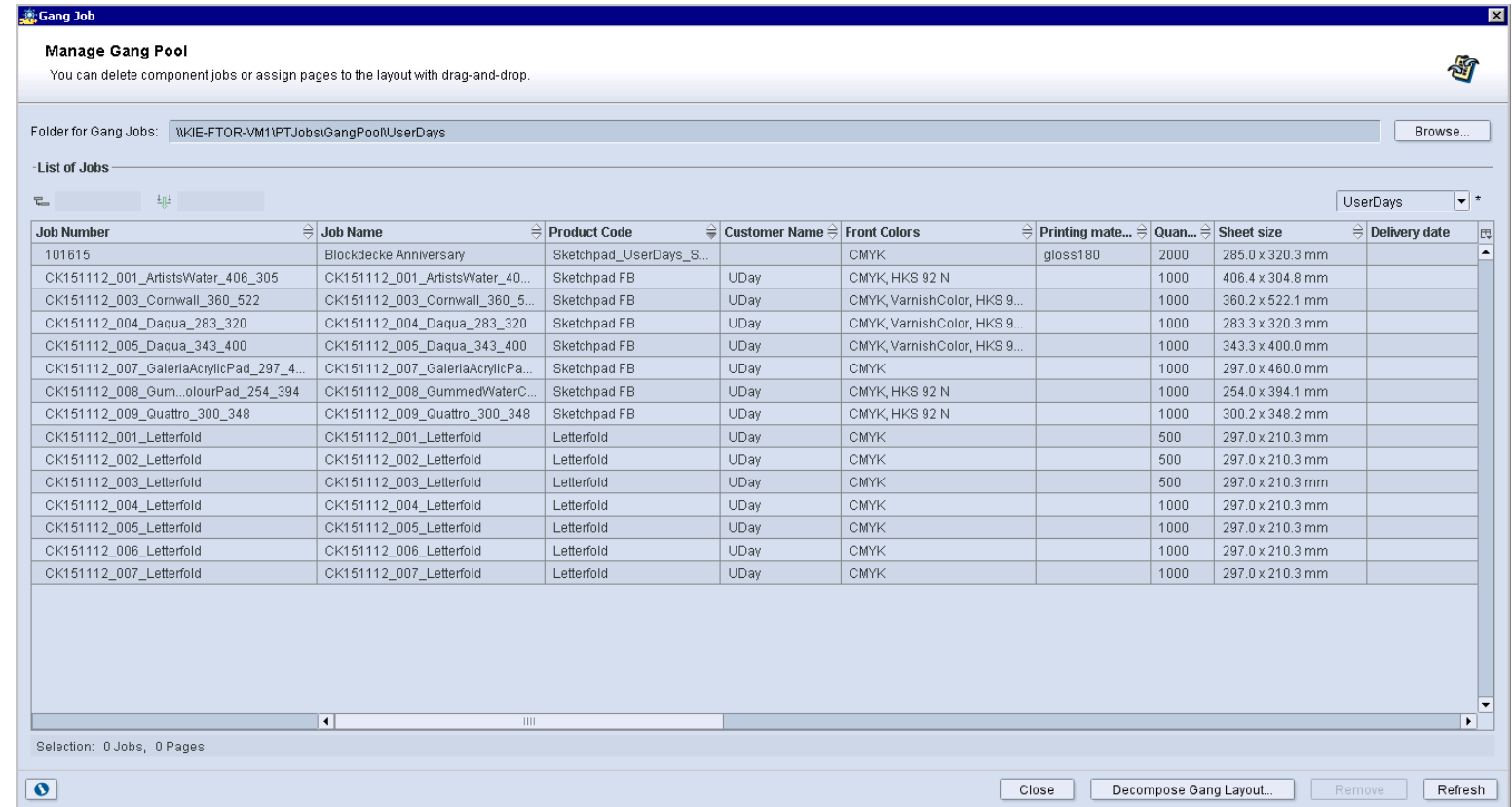→ Allow sheets of versioned layouts

Ganging in Production
Manage gang pool …

Can also be opened from Cockpit
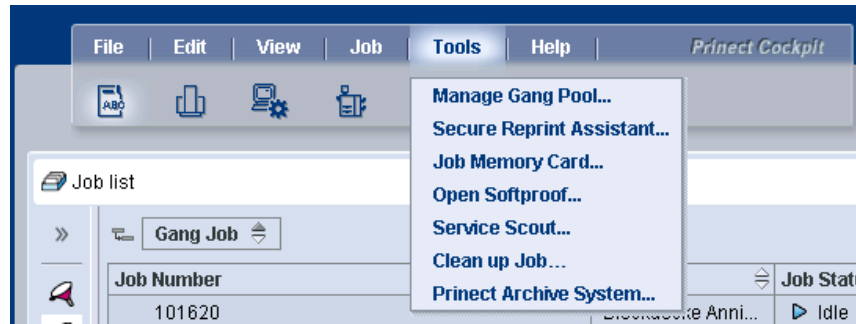
→ to judge the fill grade before starting a gang job

→ To make changes to existing gang layouts

Ganging in Production
Improvements in Prinect Signa Station Gang Assistant

→ Better Results of Gang Assistant (Geometry, Cutting)

→ Optimization can be calculated for several plate templates – and the best result is taken

→ Use predefined Layouts in Gang Assistant

→ Use Predefined Product Part Template for MIS-Jobs / predefined Layouts
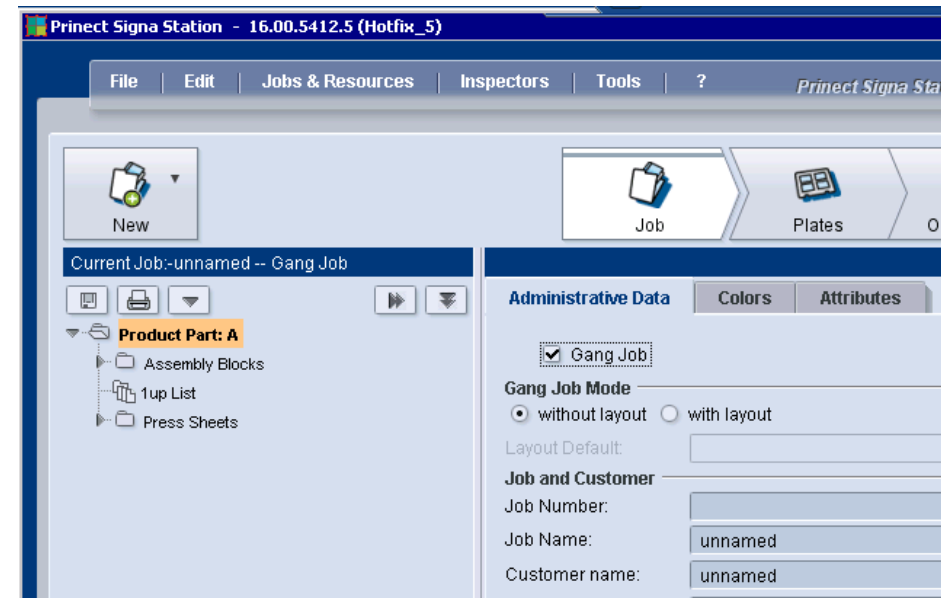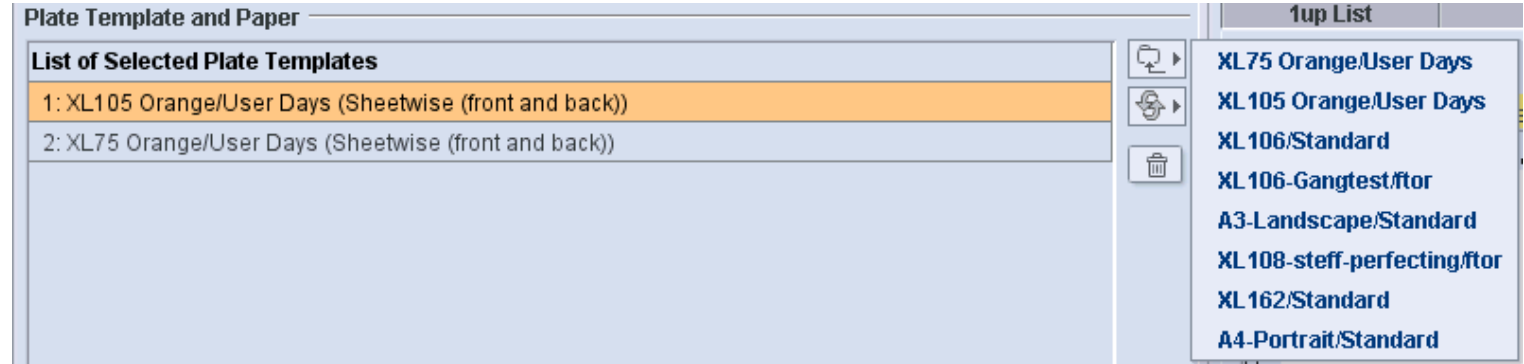
Ganging in Production
Assign gang parts directly from Gang Monitor (Manage Gang Pool)

→ Show no. of selected Elements
  (Gang Parts, Pages)

→ Directly Assign Gang Parts to
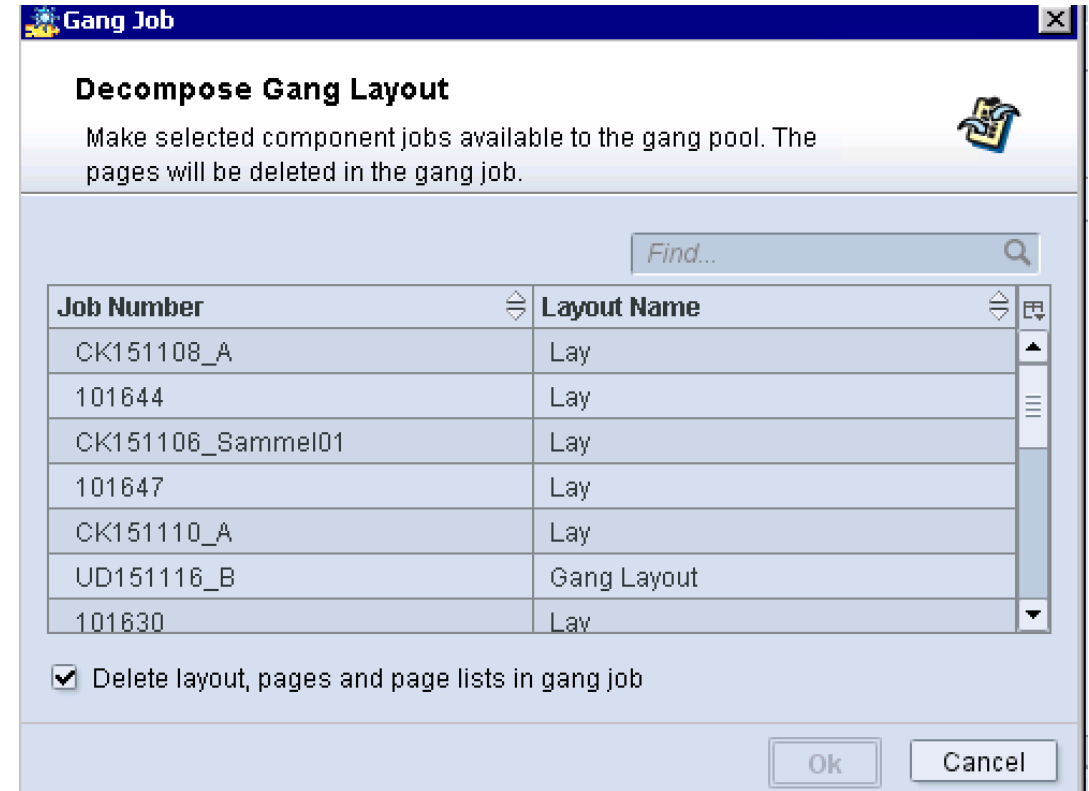 Layout positions
  → incl. multiple assignment

Ganging in Production
Change gang form

→ Remove Gang Part
  → i.e. Page shall be produced in customer job

→ Decompose Gang Layout
  → i.e. re-introduce the Gang Parts into the Gang Pool

→ Copy/Paste of Gang Monitor Table
  → E.g. to get it into Excel

Ganging in Production
Easy Job Relation and Status tracking in Job List

Column Set „Ganging"

→ Grouping by „Gang Job"

→ Hyperlink to Gang Job

Column „Status in Gang Job"

→ Monitor status of ganged parts in Gang Job

Ganging in Production
Easy Status tracking with "Status in Gang Job"

→ "-" No Ganging

→ Error Ganging intended but inconsistent

→ Ganging intended MIS flagged all sheets for ganging

→ In gang pool all sheets/ pages in the Gang Pool

→ In gang job all sheets/ pages
on a Gang Form in a Gang Job

→ Plates imaged all sheets/ pages ganged
and plates made

→ Printed all sheets/ pages ganged
and printed

→ Cut all sheets/ pages ganged and cut

→ Varying all sheets/ pages ganged
but with different status

→ In Part a part of the sheets/ pages are ganged

→ New Global Status „Canceled"

Ganging in Production
Easy Job Relation tracking

→ Column Sets „**For Ganging**" and
„**Ganging**"
  → Page and Layout oriented views
→ Gang Job and Source Job

→ In Customer job (Source Job)
  → Column with Hyperlink to Gang job
  → Columns to show on which Layout /
    Sheet in Gang job
  → „Status in Gang Job" for Pages and
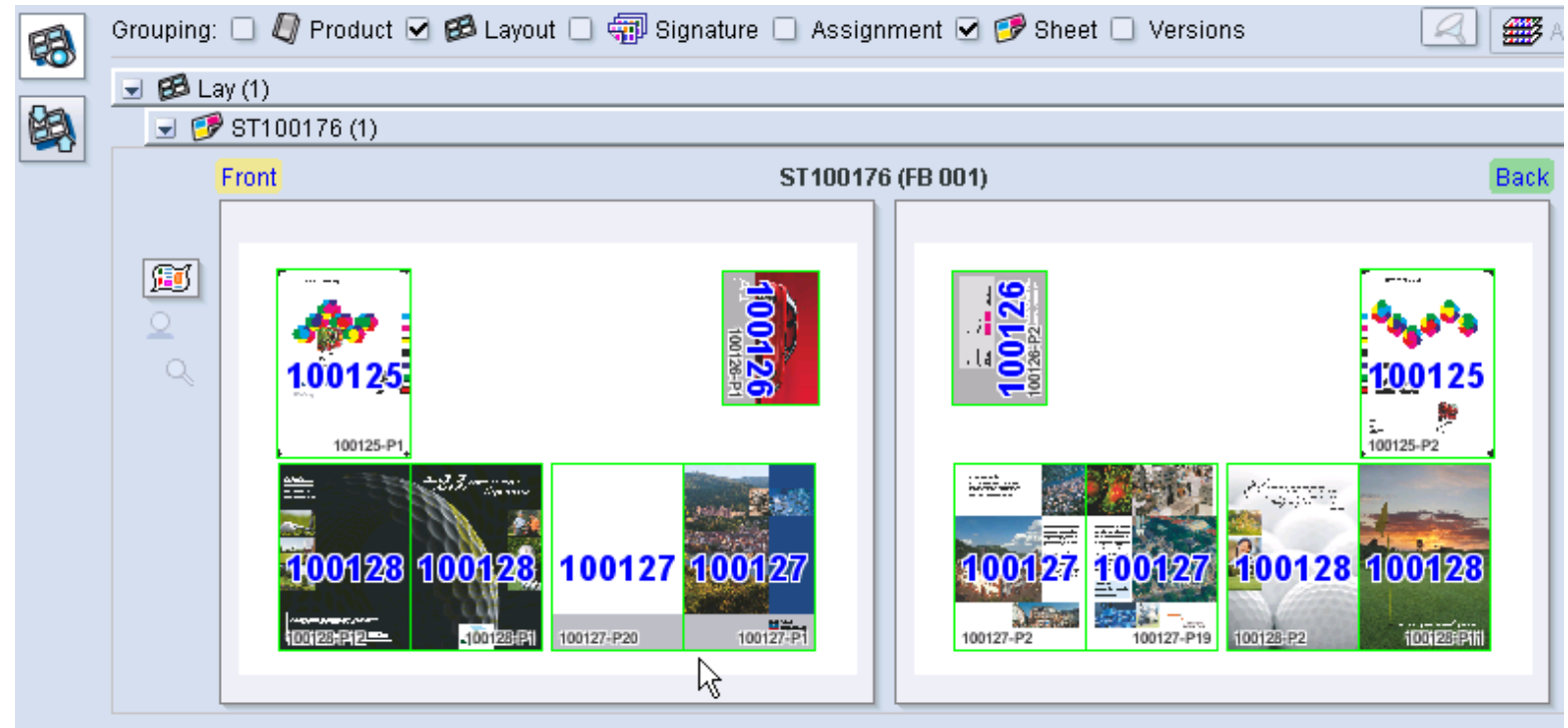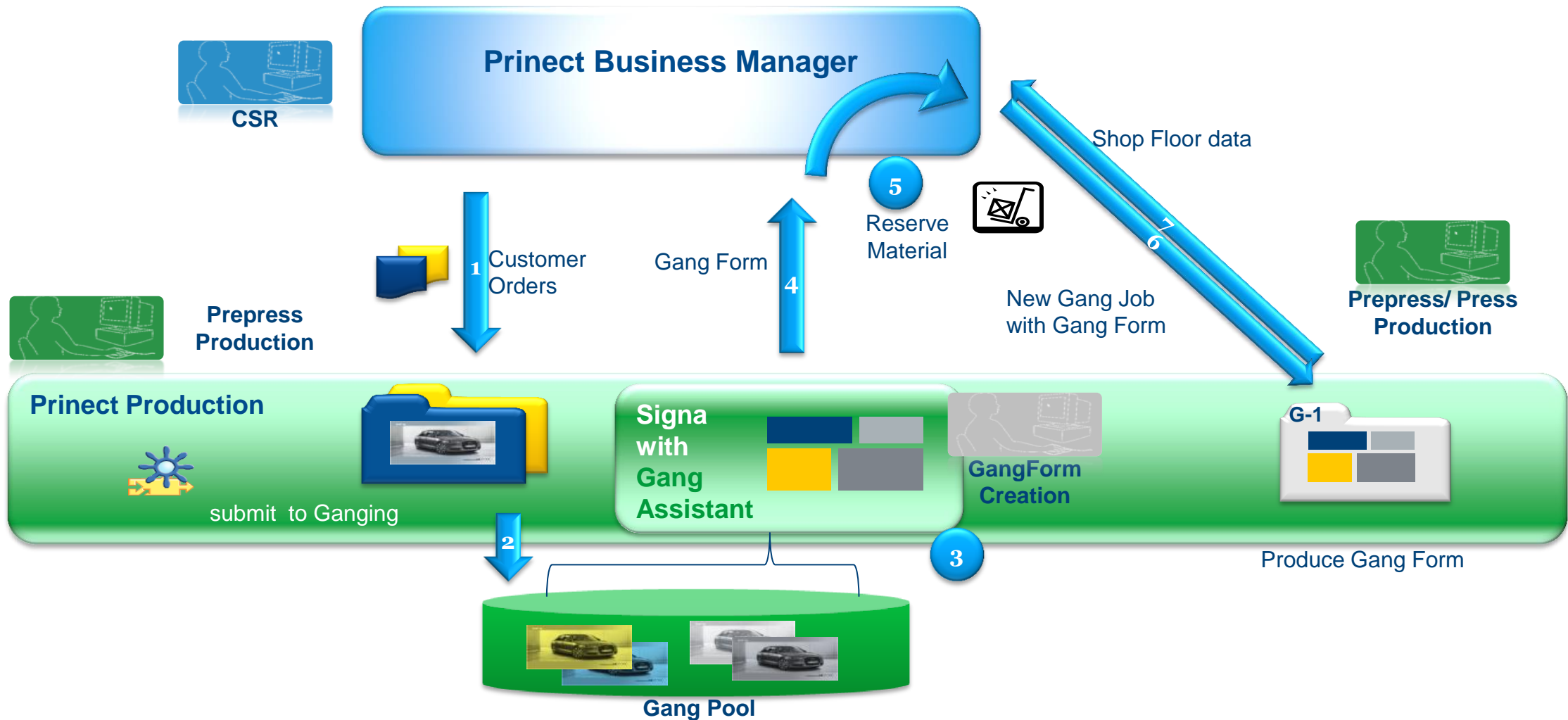   Sheets (like in JobFinder)

Ganging in Production:
Easy Job Relation tracking in Gang Job

→ Column with Hyperlinks to Customer jobs

→ Show Customer job on Thumbnail

→ context menu to open Customer job

→ Indicate changed source Page

→ Approval of pages in customer job has effect in Gang Job

Ganging Workflow – MIS and Production teaming up:
Prinect Business Manager and Integration Manager

CSR

Prinect Business Manager

5 Reserve Material

1 Customer Orders

Gang Form

4

Shop Floor data

New Gang Job with Gang Form

7

6

Prepress Production

Prepress/ Press Production

Prinect Production

submit to Ganging

Signa with Gang Assistant

GangForm Creation

G-1

2

3

Produce Gang Form

Gang Pool

Prinect Ganging 2016 – fit for production demands

→ Questions ?
→ Suggestions?