

Workshop Number 19 + 23

Smart Print Shop

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INTERNATIONAL
PRINECT USER DAYS

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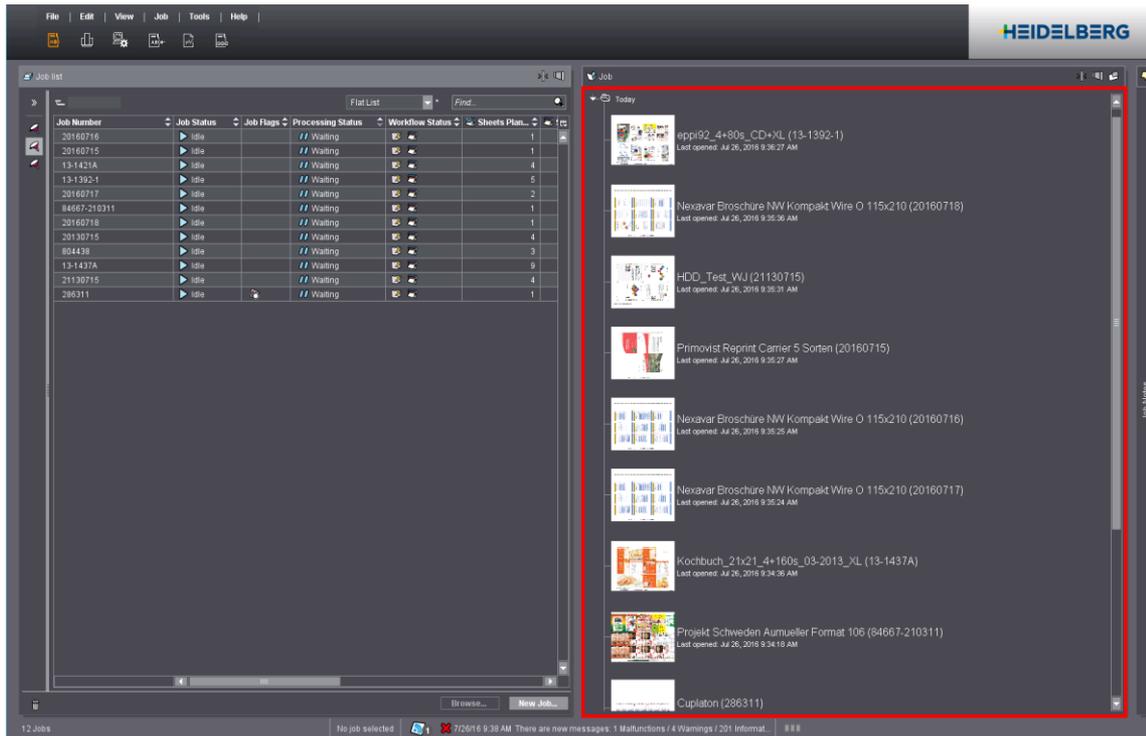
Agenda

1. Prinect Integration
2. Prinect Cockpit news
3. Scheduler
4. Enhancements in
 - Prepress
 - Pressroom
 - Postpress
5. Analyze Point news



Prinect Cockpit News

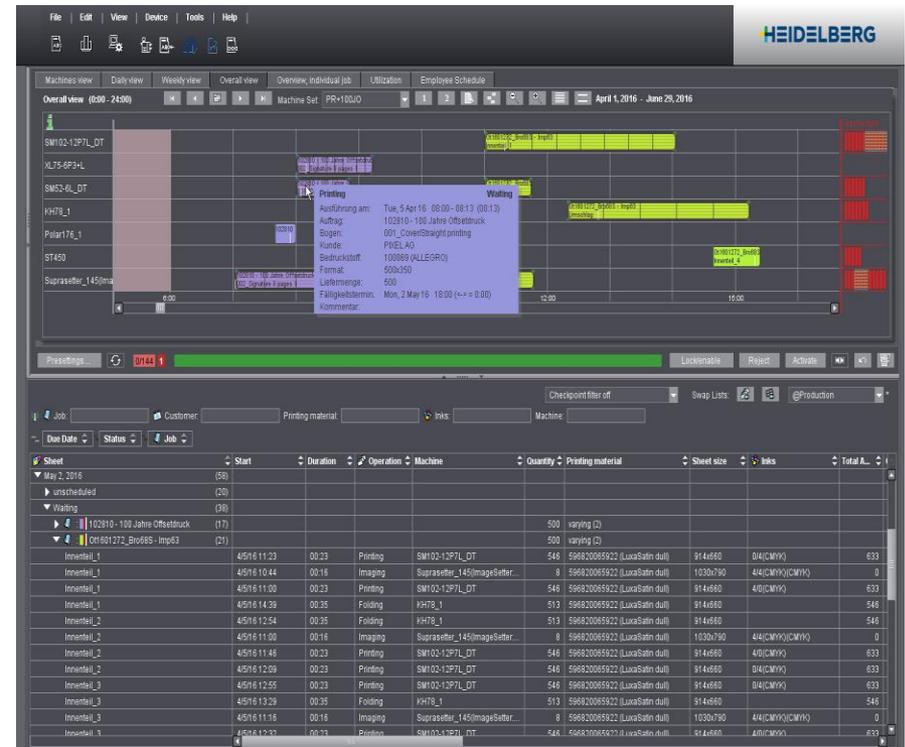
- View recent jobs in Prinect Cockpit
- Direct display of search results
- Initiating plate imaging (from Press tab)



Prinect Scheduler



→ Schedule the job supported by e.g. different methods and handling sets





New Wallscreen XL

Full scope of job/ presetting data only available with Prinect Pressroom Manager 2017 and full Prinect integration!

- Clear display of all available data
- Best information package for the press operator

The screenshot displays the Heidelberg Wallscreen XL interface. At the top, there are navigation tabs: Job, Production, Machine, and myWallscreen. The main area features a 3D model of the printing press. Below the model is a table listing jobs with columns for Number, Name, Work step name, and Customer. The selected job is 301602-04, 'Zitrovital mit Inspektion...', with work step name 'FB 020 542/' and customer 'Heidelberger Druck...'. To the right of the table, detailed job information is shown, including job description, quantity (200), planned waste (83), production speed (6000), and various quality and material settings. A color strip and a preview image of the printed product are also visible. The bottom of the screen shows system status, including a clock (02.08.2016 13:00:35), a power icon, and a list of warnings or errors.

Number	Name	Work step name	Customer
161892	161892_Mannkumme...	Faltschachtel 1/-	Mannkumme...
20140422A.ppf	20140422A 6 Farben Te...	Meinbogen 0/6	Audi AG
301602-04	Zitrovital mit Inspektion...	FB 020 542/-	Heidelberger Druck...
301603-02	Zitrovital ohne Inspektion...	FB 020 542/-	Heidelberger Druck...
301603-03	Zitrovital mit Inspektion...	FB 020 542/-	Heidelberger Druck...
301603-04	Zitrovital	FB 020 542/-	Heidelberger Druck...
301603-05	Zitrovital mit Inspektion...	FB 020 542/-	Heidelberger Druck...
63522	63522_Garpa_Newspape...	FB 001 0/4	Heidelberger Druck...
63522	63522_Garpa_Newspape...	FB 001 4/0	Heidelberger Druck...
93938 Sturm 1	93938 Sturm 1_P001	93938 Sturm 1_P001...	001.ppf
93938 Sturm 2	93938 Sturm 2_P001	93938 Sturm 2_P001...	001.ppf
93938 Sturm 4	93938 Sturm 4_P001	93938 Sturm 4_P001...	001.ppf
93938 Sturm 5	93938 Sturm 5_P001	93938 Sturm 5_P001...	001.ppf

Wallscreen XL with myPrinct



- Princt Widgets provide the direct access to Princt
- Operator gets new tailor-made convenience and comfort functions

Pre-requisites:
Princt 2017
Princt Press Center XL 2 with Wallscreen XL (S16B)

The Prinect Widgets at Wallscreen XL



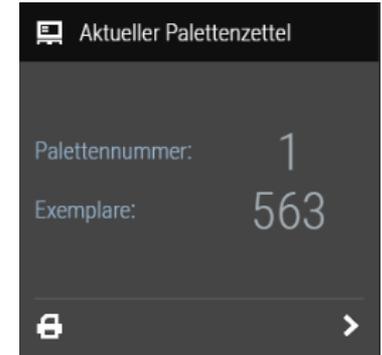
Status

→ Displays activity of started job



Pallet sheet

→ Displays pallet number and amount sheets on the pallet
→ Allows print out



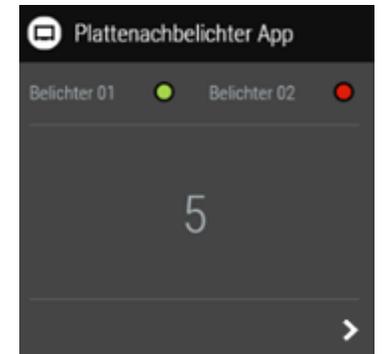
Overprint

→ Displays total ink coverage



Plate on demand

→ Displays actual amount of requested plates in progress





Analyze Point – Energy Reporting

Energy consumption reports with Analyze Point 2017

- Based on optional energy measurement devices connected to Prinect Press Center
- Displayed period can be chosen individually
- Contains current performance in kW, energy consumption in kWh and energy efficiency

The screenshot shows the 'Energy efficiency' report in the Analyze Point 2017 software. The interface includes a navigation pane on the left with a tree view of machines and jobs. The main area displays the report for machine 'XL106-8_P5_1' with the following data:

Consumer	Current power 7/21/16 11:29 AM	Energy consumption 3/1/16 12:00 AM - 7/20/16 12:00 AM	Total Power Consumption
PrintingPress@1	4 kW	269,189.82 kWh	269,191.12 kWh
DryStar@1	0 kW	174,944.92 kWh	174,944.92 kWh
Total	4 kW	444,134.74 kWh	444,136.04 kWh

Printing performance	0 Sheets/h	670,129 Sheets
Energy efficiency	- kWh/1,000 sheets	662.76 kWh/1,000 sheets

Analyze Point 2017 substitutes former Energy Reporting for new presses and older presses with the optional module.



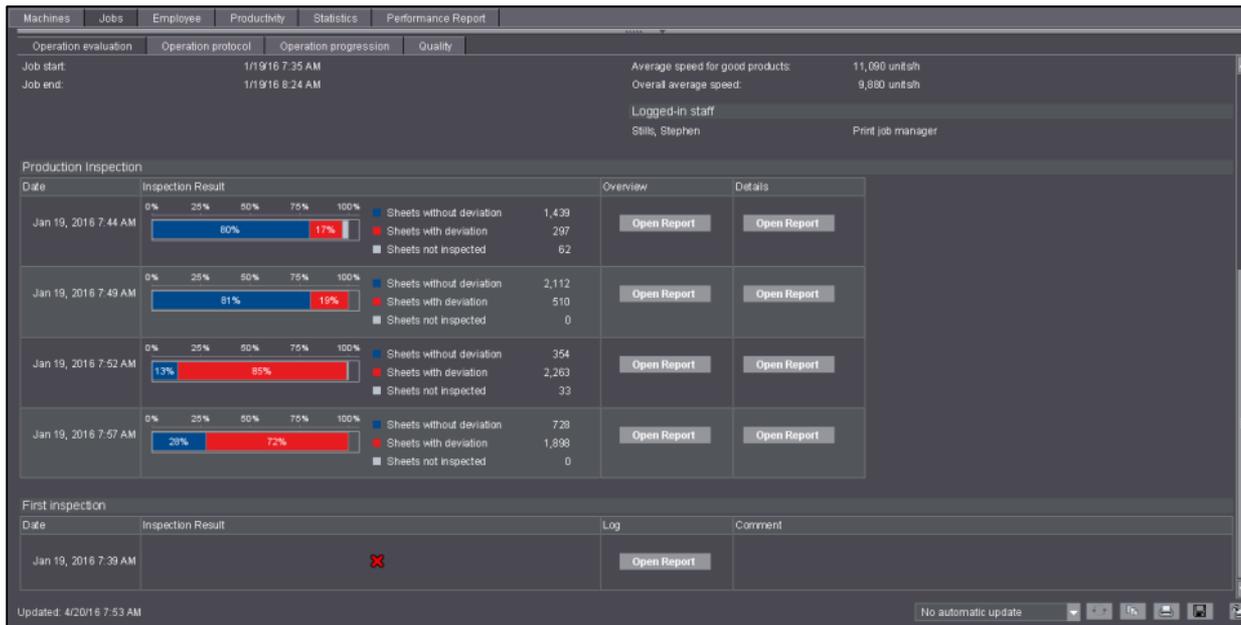
Analyze Point - Inspection System Reporting

Functionality with Analyze Point 2017

- Stores / processes Inspection Systems analysis data archives.
- Shows basic information and detail report (PDF) in the job context (Operation evaluation).

Inspection System reports are supported for

- Prinect Inspection Toolbox
- Prinect Inspection Control 2

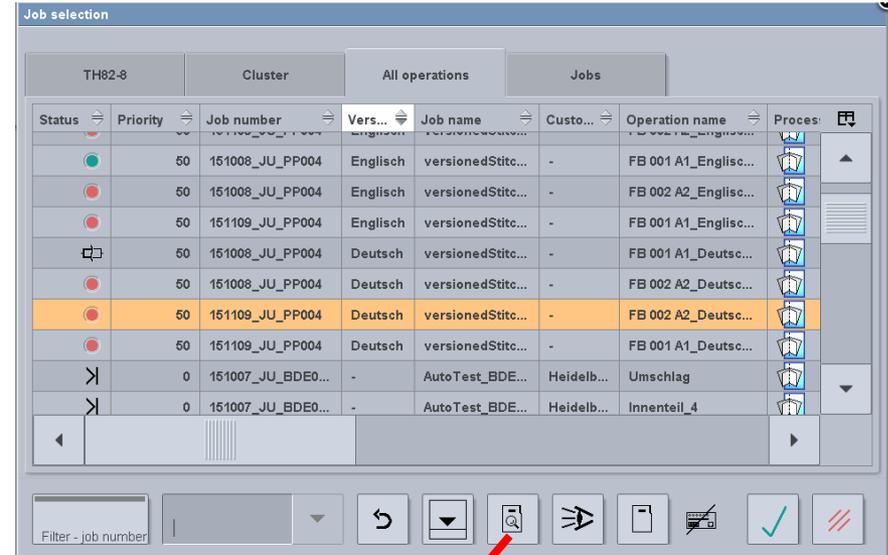


Prinect system requirements:
RAM storage of 32 GB necessary

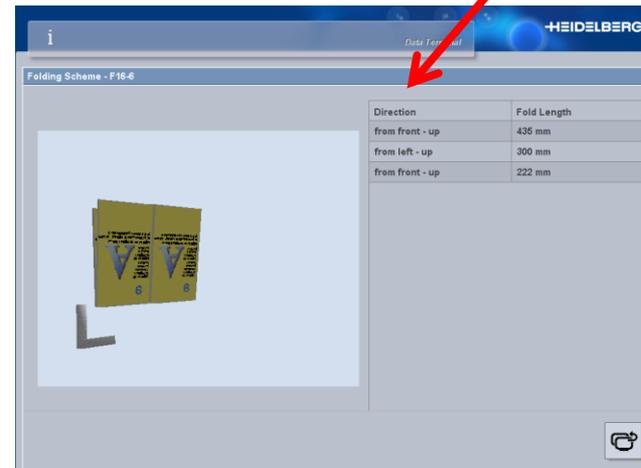


Data Terminal – New Functions

- Direct access from job list to presetting data
 - Folding
 - Saddle stitching
 - Perfect binding
 - ...
- Additional columns
 - Version



Prinect 2017 in the well-known blue GUI!





Data Terminal – Job selection by folding sheet number

→ Goal

→ Easy and error free finding and starting of folding operations

→ Function

→ Print a barcode on each folding sheet and scan it at Data Terminal

→ Implementation

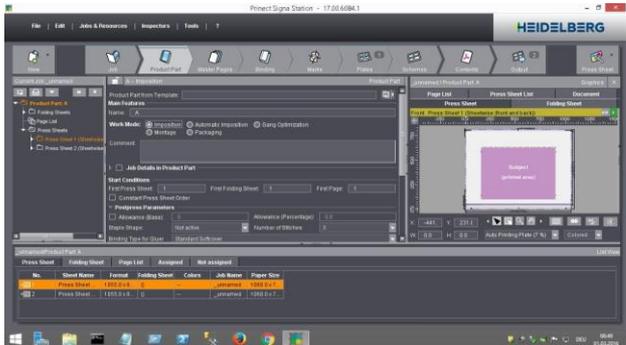
→ Each Folding sheet has a system unique identification

→ Placement of the new barcode mark on the printing sheet during impositioning (with integrated Signa Station), Prefix „F\$“ eg. **F\$0000010000001** 

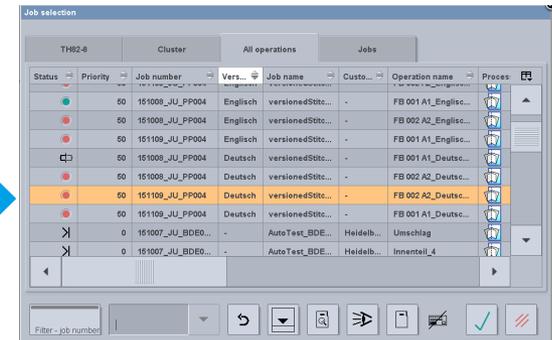
→ Scan the barcode at folding device



Integrated Prinect Signa Station 2017



Data Terminal 2017





Data Terminal – Material consumption with Prinect Business Manager

→ Goal

→ Easy and error free reporting of material consumption

→ Function

→ Data Terminal shows a list of planned materials from Prinect Business Manager

→ Search and find material in the Business Manager stock

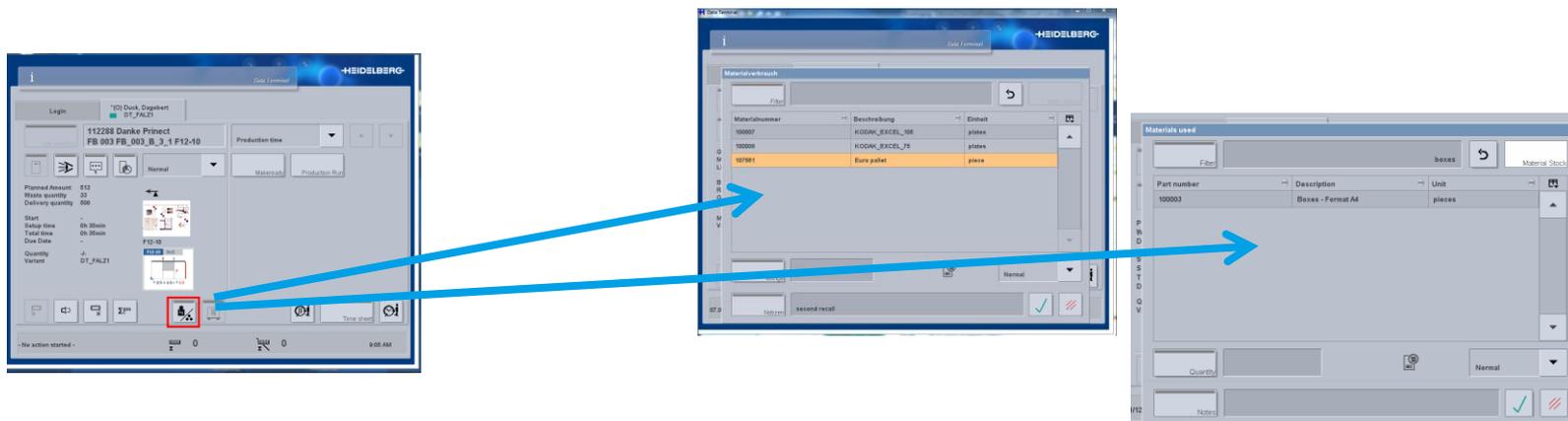
→ Implementation of a new material consumption dialog

→ Available with Business Manger connected to Prinect Integration System

→ Display list of calculated materials according to the running job

→ Search materials in the stock

→ Only materials from one of the lists can be reported

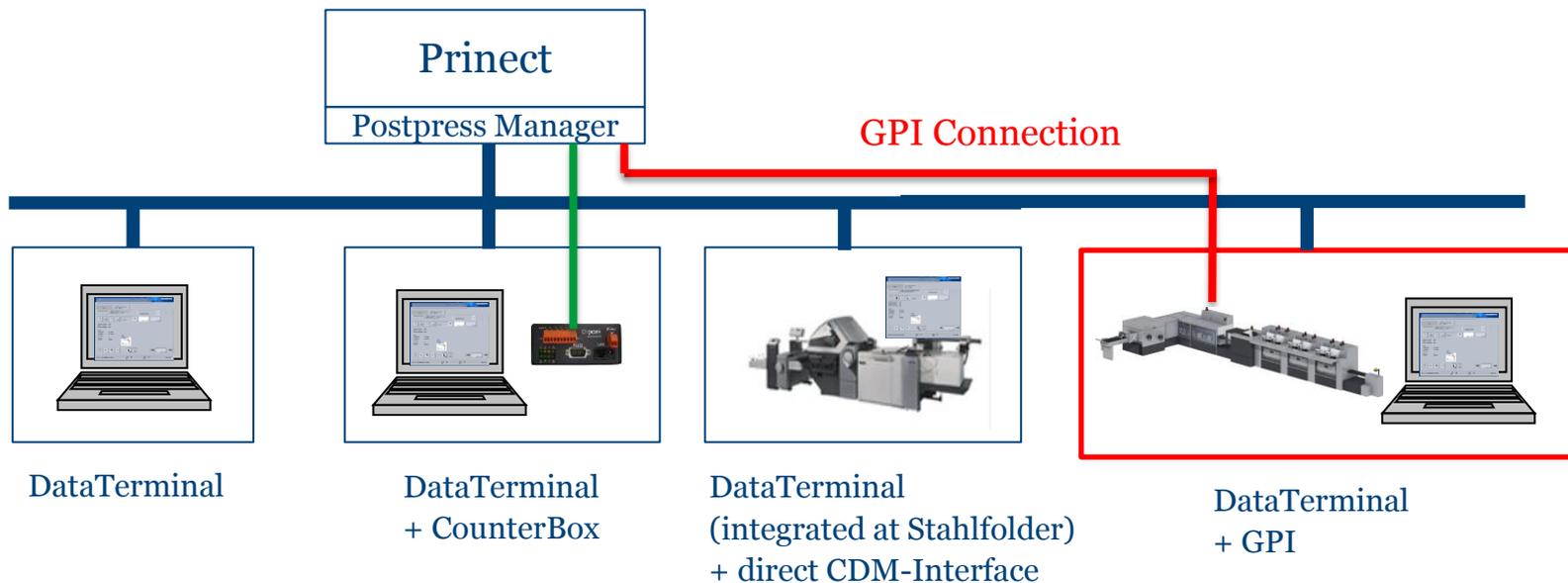




Generic Postpress Interface (GPI)

Implementation

- DataTerminal as GUI for Prinect functions
 - Login/logout user
 - Start/stop job, report material consumption etc.
- Add new connection type „GPI“





Prinect Portal standard functionality

→ New way of status tracking and job reporting (substitutes Prinect Mobile)

→ First Portal user free-of-charge with any Prinect 2017 installation

The screenshot displays the Prinect Portal interface for a specific job. At the top, the header includes 'Prinect Portal', 'Production' with a user icon, and the 'HEIDELBERG' logo. Below the header, the job ID 'HDCITY_1-36_6C' is shown along with 'AUFTRAGSNUMMER: NR66666' and 'STATUS: AKTIV'. A navigation bar contains tabs for 'Status', 'Seitenlisten', 'Arbeitsgänge', 'Reports', and 'Auftragstasche'. The main content area features a large donut chart indicating 50% completion. To the left of the chart, job details are listed: 'Kunde: GrasSolutions (100008)', 'Fälligkeitstermin: 06.02.16 00:00', 'Liefertermin: -', and 'Liefermenge: 4.000'. To the right, production statistics are shown: 'Seiten: 36 / 36', 'Preflight: 1 OK - 35 Warnung', 'Kundenabnahme:', and 'Produktionsabnahme:'. At the bottom, a horizontal navigation bar contains icons and labels for 'Dokumente', 'Seiten', 'Ausschießen', 'Proof', 'Platten', 'Paper', 'Druck', 'Bogenverarbeitung', 'Produkt', and 'Dispatch'.

Prinect Portal requirements:
Tablet-PC or PC with browser