



rayFLOW

A governing tool to monitor and control standardized processes in packaging services in on- and offsite – environments

Dr. David W. Bowser



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Agenda

- Positioning and Basics
- Functionality (Demo)
- Road Map and Benefits

**For more information, a demo or a deeper
look into *rayFLOW*,
please visit our Raynet booth
in the exhibition area**



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rayNET Packaging Services Suite (raySUITE)

The rayNET Packaging Services Suite contains optional and integrated configurable tools to optimally support your tailored packaging process:

- **rayFLOW** – Monitoring/Controlling the packaging services workflow
- **rayPACK** – Automating process parts using
Wise Package Studio 7 & upcoming version 8
- **rayANALYZE** – *Portfolio analysis*
- **rayEVAL** – semi-automated evaluation
- **rayQA** – semi-automated quality assurance
- **rayFACTORY** – Monitoring and controlling within a packaging factory
- **rayMANAGEMENT** – Order management and reporting system



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What is rayFLOW?

- WEB-based approach Internet/Intranet
- Software for Workflow- and Task Management
- Mapping of linear Process flows
- Base module to adhere, control, observe and to make transparent packaging and software management processes
- Central data base to provide all information relevant to the software packaging services process
- Standard reporting interface to (Business Objects) „Reporting-Engine“
- Configurable for different target groups (e.g. Users, Factories, others)



rayFLOW - Packaging workflow management

- Mapping of a customizable but standardized workflow in the style of classical industrial production processes
- Every single task can be monitored, controlled, analyzed and measured
- At all times management can watch current status of the overall project and discover problematic developments, triggered alarms, etc.

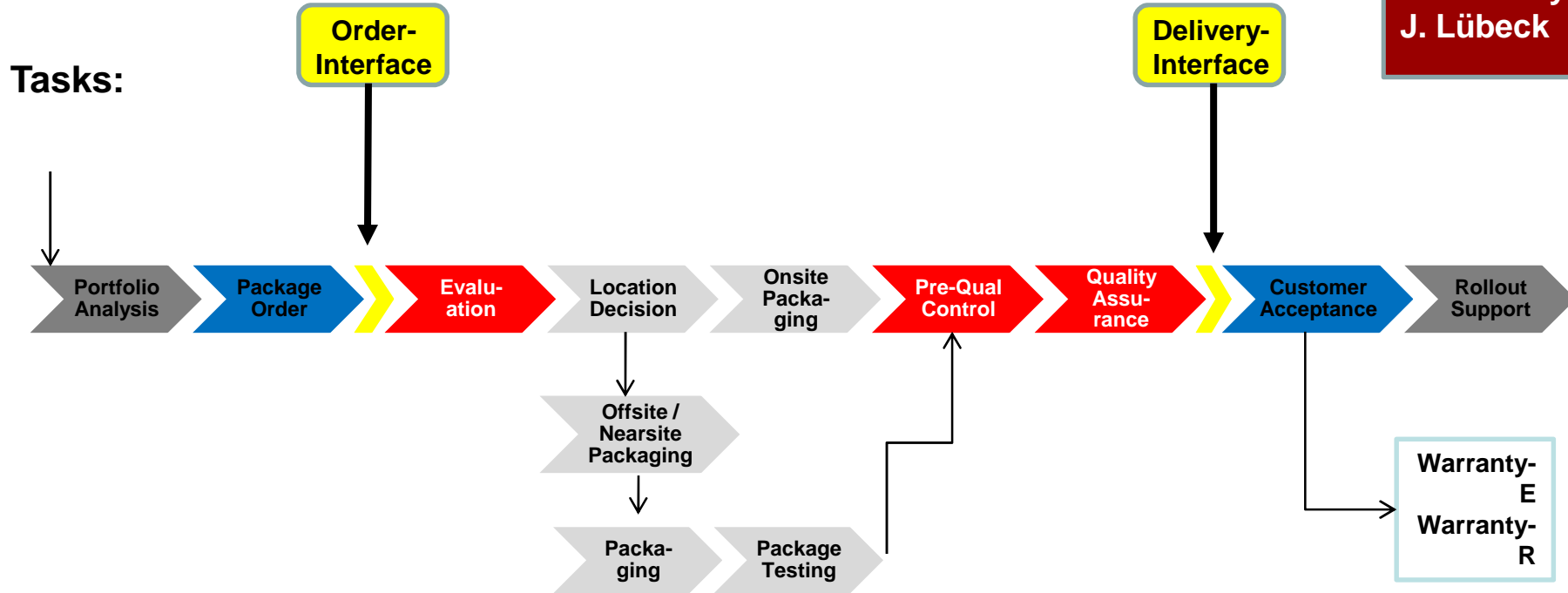


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Software Packaging - Best Practice Process

Referred to at 16:15 in Symantec keynote session by J. Lübeck



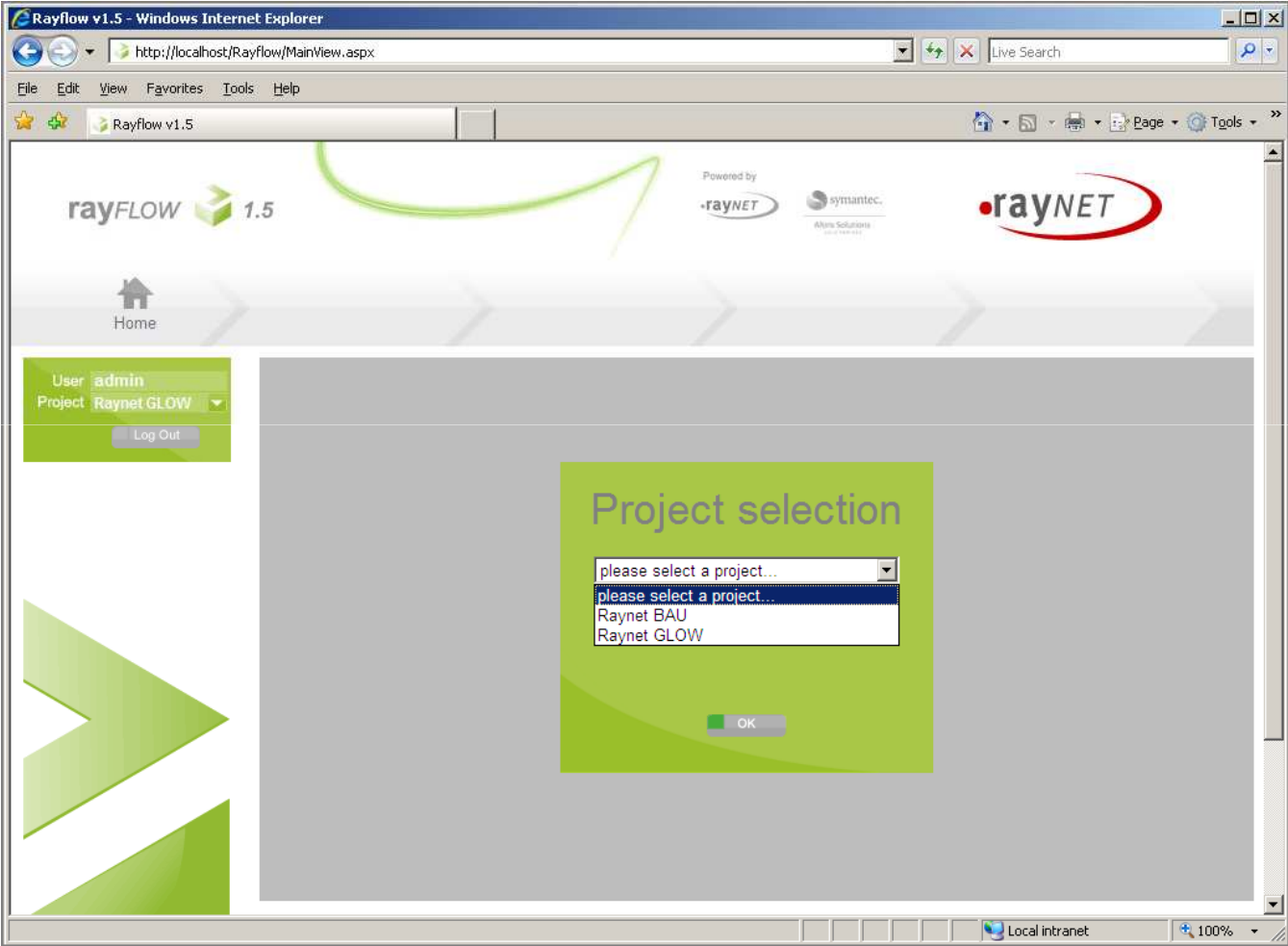
Operational:



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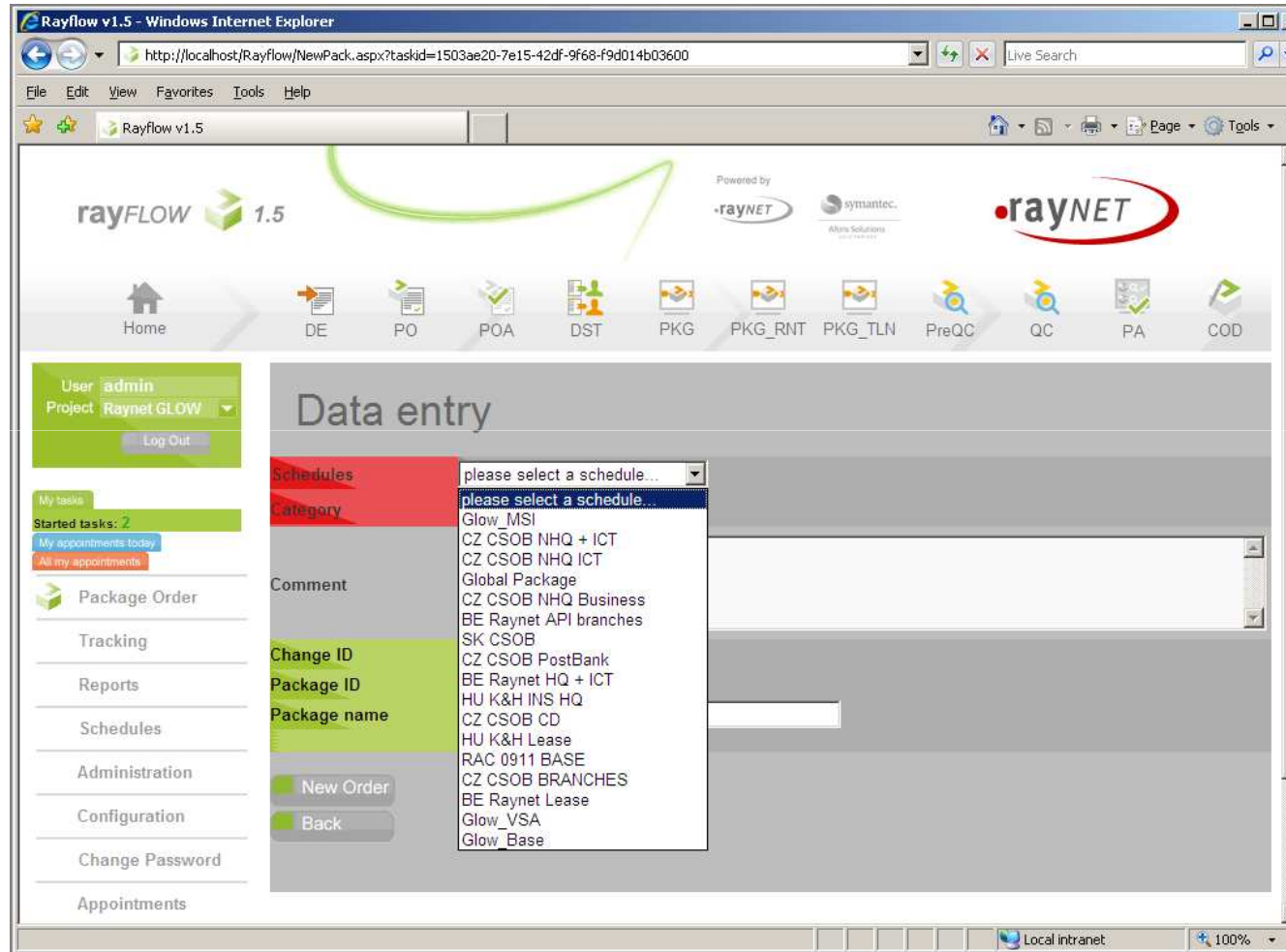
Customer Project Selection (Begin of live demo)



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Data Entry



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DST Task

The screenshot displays the Rayflow v1.5 web application interface. The browser window shows the URL `http://localhost/Rayflow/Tasks.aspx?taskid=d48db6a6-511b-453a-ae4b-cb86ba381c76`. The application header includes the Rayflow 1.5 logo, powered by rayNET and symantec, and the rayNET logo. A navigation bar contains icons for Home, DE, PO, POA, DST, PKG, PKG_RNT, PKG_TLN, PreQC, QC, PA, and COD. The user is logged in as 'admin' for the 'Raynet GLOW' project. The main content area is titled 'Destination' and features tabs for 'My Tasks' and 'All Tasks'. Below this, there are two tables: 'New jobs' and 'Started jobs'. The 'New jobs' table lists two migration tasks, and the 'Started jobs' table lists two regular tasks. The status of these tasks is 'Open' or 'Hold_RF'.

New jobs										
	Data Content	R	Schedule	Category	Status	TaskEntry	EntryDate	Days	2 packages	
✓	0000001326 000932 Axesstel MV110H	0	CZ CSOB NHQ Business	Migration	Open	29/09/2009 15:40:44	03/09/2009 11:27:22	-5		
✓	0000001018 000811 KVK Digital Sign - Acrobat Reader Plugin	0	BE Raynet HQ + ICT	Migration	Open	29/09/2009 16:10:16	30/04/2009 12:34:51	-5		

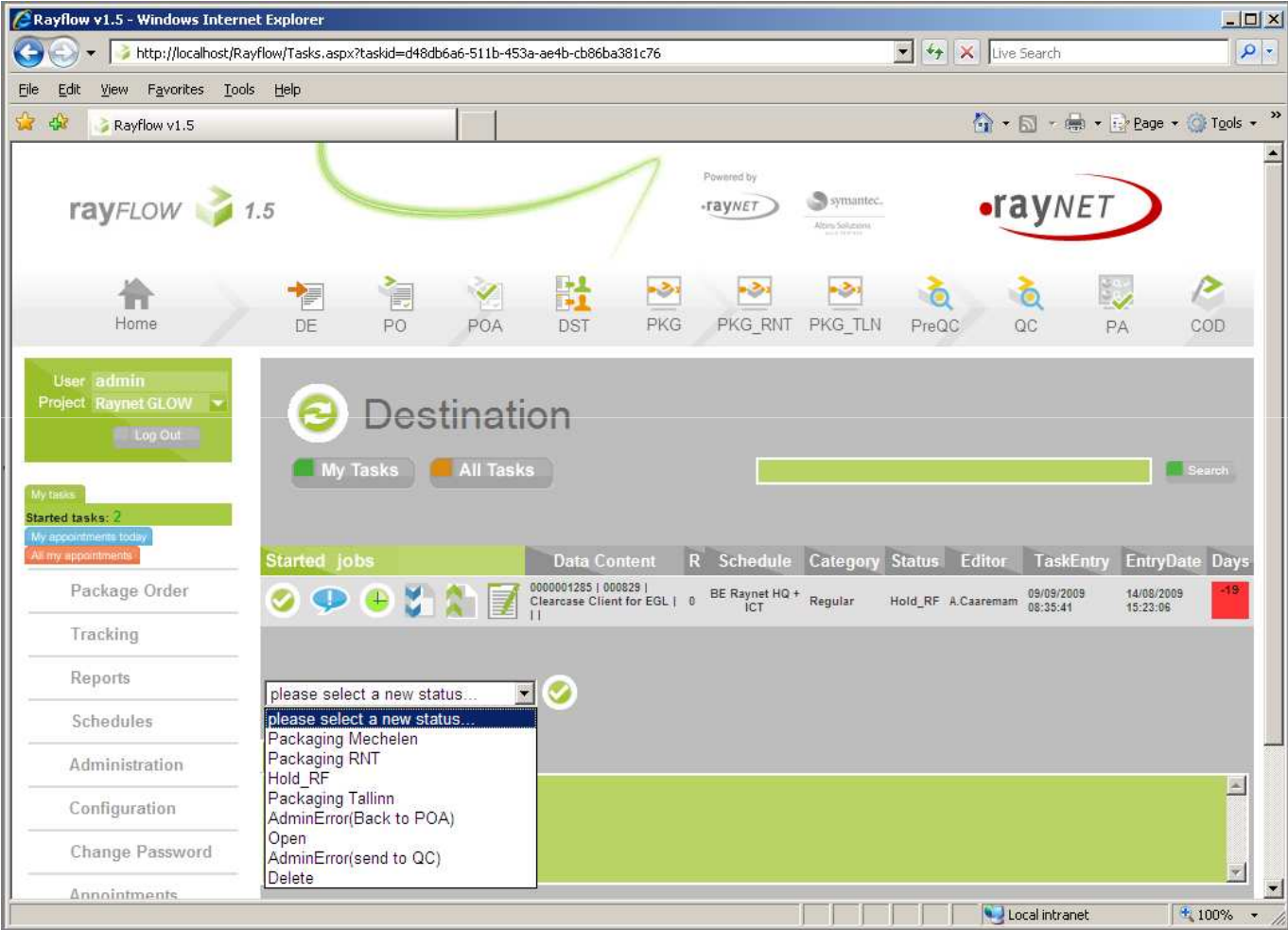
Started jobs										
	Data Content	R	Schedule	Category	Status	Editor	TaskEntry	EntryDate	Days	2 packages
✓	0000001285 000829 Clearcase Client for EGL	0	BE Raynet HQ + ICT	Regular	Hold_RF	A.Caaremam	09/09/2009 08:35:41	14/08/2009 15:23:06	-19	
✓	0000001284 000828 ClearCase Client for non-EGL	0	BE Raynet HQ + ICT	Regular	Hold_RF	A.Caaremam	09/09/2009 08:33:11	14/08/2009 15:22:24	-19	



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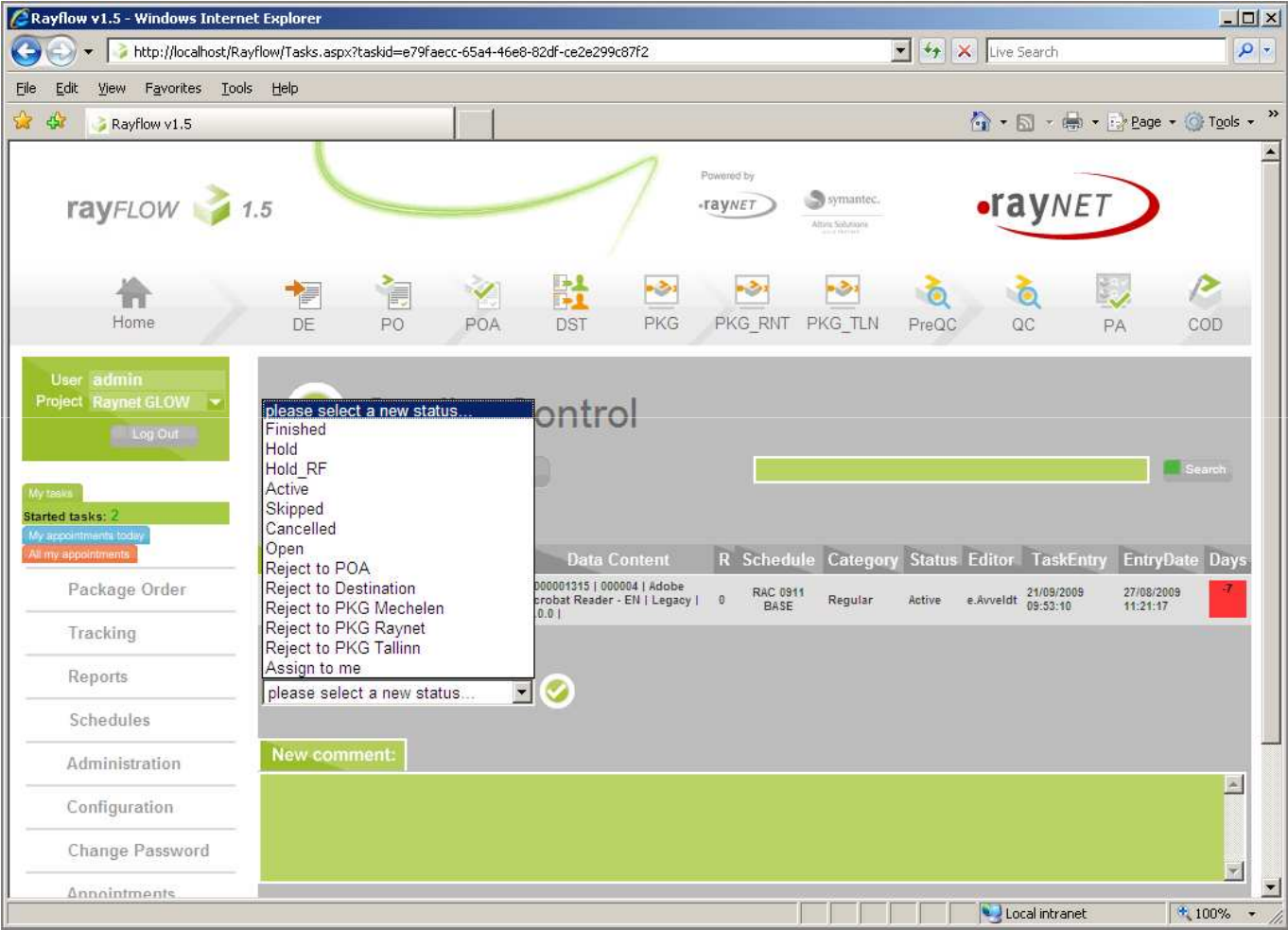
Status Triggers DST



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Status Triggers QC



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Comments Field

The screenshot shows the Rayflow v1.5 web application interface. The main content area displays a table of tasks. The first task is highlighted in red and has a comments field.

New jobs	Data Content	R	Schedule	Category	Status	TaskEntry	EntryDate	Days
	0000001018 000811 KVK Digital Sign - Acrobat Reader Plugin ()	0	BE Raynet HQ + ICT	Migration	Open	29/09/2009 16:10:16	30/04/2009 12:34:51	-5
POA	09/05/2009 12:51:28 k.deram		Contacted Wilco Visser, no answer > sent mail					
POA	11/05/2009 08:20:23 k.deram		Contacted Wilco Visser, no answer > sent general mail					
POA	13/05/2009 08:48:14 k.deram		Contacted Bart Vandenberg, He has an appointment on 18/05 with Wilco Visser, he will contact me when he know more information because Wilco Visser is on holiday					
POA	18/05/2009 13:47:58 k.deram		Contacted Bart Vandenberg, he will contact me later to make an appointment for Wilco Visser					
POA	15/06/2009 08:42:36 k.deram		Bart Vandenberg sends me an email to say that he is waiting on several packages of Wilco but first the packages needs to be vista complaint, he will contact me if he know more information					
POA	09/09/2009 16:02:46 k.deram		Bart Vandenberg contacted me, confirmd appointment on Tuesday 15/09 at 13.00 h					



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Appointments

The screenshot shows the Rayflow v1.5 web application interface. The browser window title is 'Rayflow v1.5 - Windows Internet Explorer' and the address bar shows 'http://localhost/Rayflow/Tasks.aspx?taskId=df406926-8b89-4edb-a9a5-96d53bbe17d6'. The page header includes the Rayflow 1.5 logo, 'Powered by rayNET' and 'symantec' logos, and the rayNET logo. A navigation bar contains icons for Home, DE, PO, POA, DST, PKG, PKG_RNT, PKG_TLN, PreQC, QC, PA, and COD. The main content area is titled 'Package Acceptance' and features a search bar and tabs for 'My Tasks' and 'All Tasks'. A sidebar on the left shows user information (User: admin, Project: Raynet GLOW) and a list of tasks: 'Started tasks: 2', 'My appointments today', and 'All my appointments'. Below this is a list of navigation links: Package Order, Tracking, Reports, Schedules, Administration, Configuration, Change Password, and Appointments. The main content area displays a table of 'Started jobs' with columns: Data Content, R, Schedule, Category, Status, Editor, TaskEntry, EntryDate, and Days. The table contains one row with a red status indicator. Below the table is another table with columns: Task, Status, Info, Date, User, POC, Location, and Machine. The bottom of the page shows 'Done' and 'Local intranet'.

Data Content	R	Schedule	Category	Status	Editor	TaskEntry	EntryDate	Days
0000001267 000920 Windows 2008 Server SP2 Legacy 1.0.0	0	RAC 0911 BASE	Regular	Active	L.Vermeiren	24/09/2009 15:30:33	20/08/2009 08:41:30	-4

Task	Status	Info	Date	User	POC	Location	Machine
POA	Done	Evaluation	28/08/2009 13:00:00	L.Vermeiren	Michael Doggrell	Intern	GloW
PA	Open	Acceptance	30/09/2009 13:30:00	L.Vermeiren	Michael Doggrell	Intern	GloW



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Document Download / Management

The screenshot displays the Rayflow v1.5 web application interface. The browser window title is "Rayflow v1.5 - Windows Internet Explorer" and the address bar shows "http://localhost/Rayflow/Tasks.aspx?taskid=df406926-8b89-4edb-a9a5-96d53bbe17d6". The interface includes a navigation menu with icons for Home, DE, PO, POA, DST, PKG, PKG_RNT, PKG_TLN, PreQC, QC, PA, and COD. A user profile section shows "User: admin" and "Project: Raynet GLOW" with a "Log Out" button. The main content area is titled "Package Acceptance" and features "My Tasks" and "All Tasks" tabs. Below this is a table of "Started jobs" with columns for Data Content, R, Schedule, Category, Status, Editor, TaskEntry, EntryDate, and Days. The table contains several rows of task data.

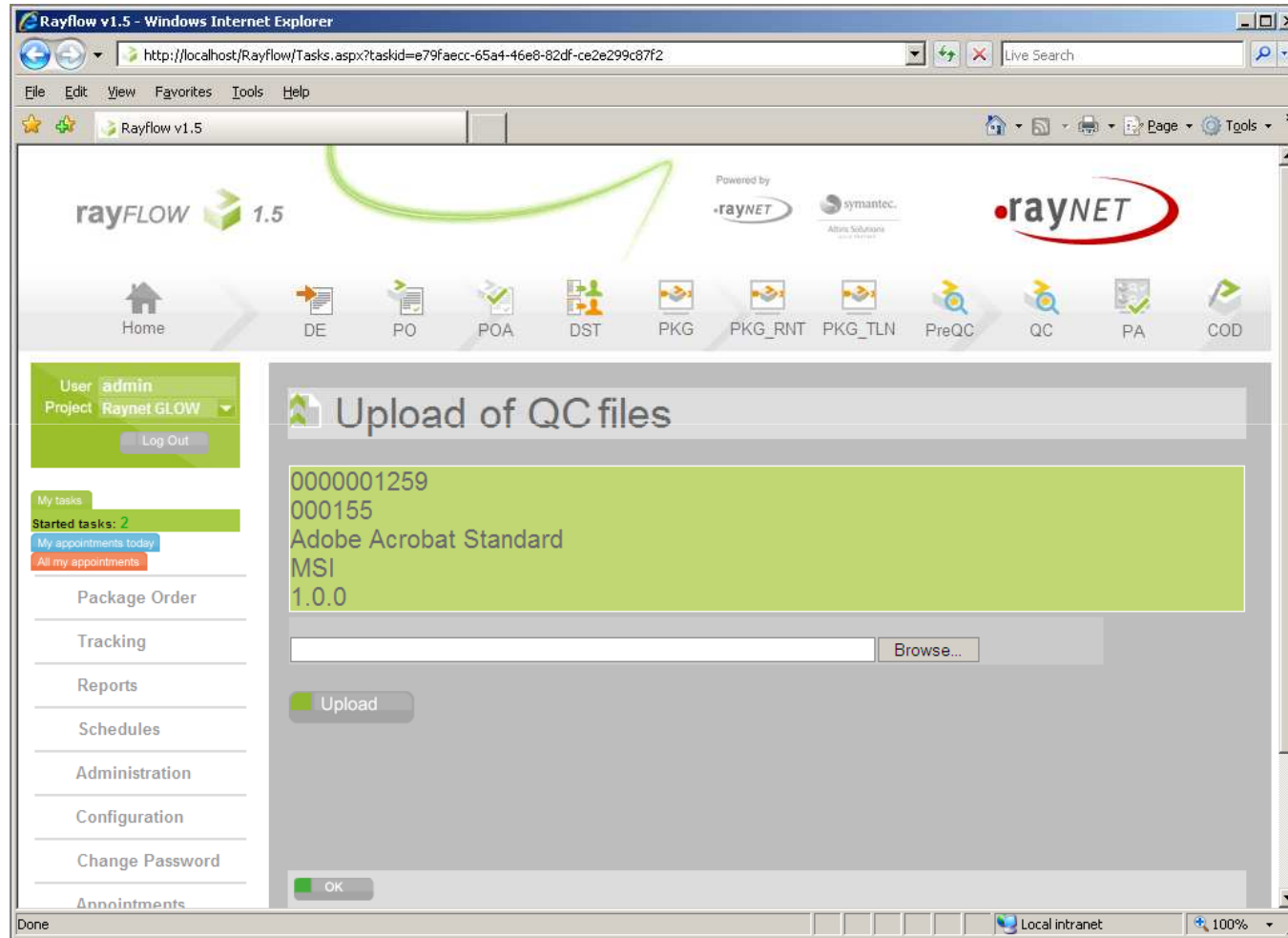
	Data Content	R	Schedule	Category	Status	Editor	TaskEntry	EntryDate	Days
	0000001144 000037 Vobis SVS 3.2.0	0	BE Raynet HQ + ICT	Regular	Active	L.Vermeerem	20/08/2009 10:44:55	22/06/2009 17:16:42	-24
PO	POT_0000001144_Vobis_000037.xls		22/06/2009 17:20:11	C.Vermaelem					
POA	MAD_POA_000037_Vobis_3.2.0.xls		07/07/2009 11:23:34	L.Vermeerem					
POA	MAD_POA_000037_Vobis_3.2.0_C.xls		09/07/2009 09:56:00	L.Vermeerem					
DST	MAD_DST_000037_3.2.0_v2.xls		09/07/2009 13:23:24	HJ.Schmedt					
PKG_TLN	000037 - MAD - 1.0.xls		31/07/2009 13:24:05	agent_KBC					
PKG_TLN	000037 - MAD - 1.1.xls		31/07/2009 14:31:42	agent_KBC					
PreQC	MAD_PreQC_000037_Vobis_3.2.0.xls		03/08/2009 13:38:01	e.Avveltdt					
QC	MAD_QC_000037_3.2.0_v1.xls		20/08/2009 10:44:03	E.Deherdt					



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Document Upload / Management



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Tracking General Display

The screenshot displays the Rayflow v1.5 Tracking interface. The browser window title is "Rayflow v1.5 - Windows Internet Explorer". The address bar shows the URL: `http://localhost/Rayflow/Tracking15.aspx?type=Task&packid=466cbeca-396a-490b-a28a-1bd7b0cf415a&tasklistid=e79faecc-65...`. The interface includes a navigation menu with icons for Home, DE, PO, POA, DST, PKG, PKG_RNT, PKG_TLN, PreQC, QC, PA, and COD. A sidebar on the left shows user information (User: admin, Project: Raynet GLOW) and a list of tasks.

Task ID	Task Name	DE	PO	POA	DST	PKG	PKG_RNT	PKG_TLN	PreQC	QC	PA	COD
0000001369 000892 BladeLogic Management Console MSI 1.0.0 23/09/2009 12:47:42 BE Raynet HQ + ICT		🟢	🟢	🟢	🟢	🟢			🟢	🟢	🟢	🔴 4 days to late
0000001363 000054 UltraEdit 22/09/2009 15:18:46 BE Raynet HQ + ICT		🟢	🟢	🔴 H 1 day to late								
0000001365 000080 Microsoft Visual C++ Red		🟢	🟢	🟢	🟢			🟡 1 day left				



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Tracking Search View

The screenshot displays the Rayflow v1.5 Tracking Search View. The browser window title is "Rayflow v1.5 - Windows Internet Explorer". The address bar shows the URL: <http://localhost/Rayflow/Tracking15.aspx?type=Task&packid=466cbeca-396a-490b-a28a-1bd7b0cf415a&tasklistid=e79faecc-68>. The search bar contains the text "microsoft".

The main content area is a table with the following columns: DE, PO, POA, DST, PKG, PKG_RNT, PKG_TLN, PreQC, QC, PA, COD. The table contains three rows of task data:

ID	Task Name	DE	PO	POA	DST	PKG	PKG_RNT	PKG_TLN	PreQC	QC	PA	COD
0000000554 000464	Microsoft Sharepoint Designer Legacy 1.0.0		○	○	○			○	○	○	○	○
0000000443 000388	Microsoft Visio Standaard Legacy 1.0.0		○	○	○			○	○	○	○	○
0000000412 000367	Microsoft DotNet Framework 3.5 Legacy 1.0.0		○	○	○	○			○	○	○	○



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Tracking Detailed View

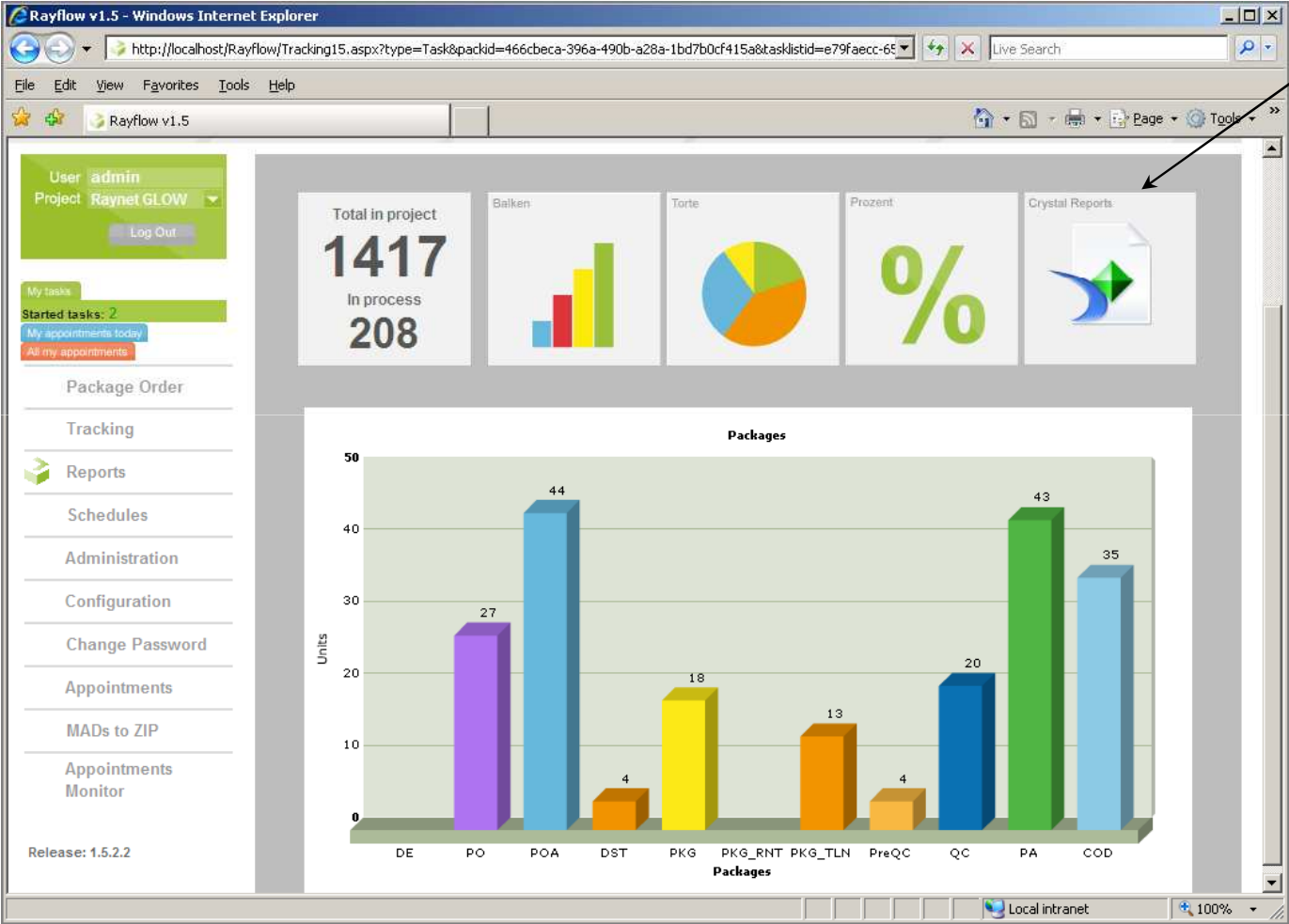
The screenshot displays the Rayflow v1.5 Tracking interface within a Windows Internet Explorer browser. The browser address bar shows the URL: `http://localhost/Rayflow/Tracking15.aspx?type=Task&packid=466cbeca-396a-490b-a28a-1bd7b0cf415a&tasklistid=e79faecc-65...`. The interface includes a navigation menu on the left with options like "My tasks", "Package Order", "Tracking", "Reports", "Schedules", "Administration", "Configuration", "Change Password", "Appointments", "MADs to ZIP", and "Appointments Monitor". The main area features a Gantt chart with columns for task stages: DE, PO, POA, DST, PKG, PKG_RNT, and PKG_T. A task with ID 0000001319 and name "Successieplanner" is shown, with a sub-task "MSI 2.0.0". The task progress is visualized with circular markers and arrows. A tooltip for the task provides details: "File: POT 0000001319 Successieplanner 000297.xls", "Contacted John Comes, no answer > sent mail", "John Comes contacted me, confirmed appointment on Monday 07/09 at 13.30 h", and "File: MAD POA 000297 1.0_0_v1.xls". The status bar at the bottom indicates "Done" and "Local intranet".



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Reports Crystal Reports



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Reports Crystal Reports

The screenshot displays the Rayflow v1.5 web application interface. The browser window title is 'Rayflow v1.5 - Windows Internet Explorer'. The address bar shows the URL: <http://localhost/Rayflow/Chart.aspx?type=Task&packid=466cbeca-396a-490b-a28a-1bd7b0cf415a&tasklistid=e79faecc-65a4-4>. The interface includes a navigation menu with icons for Home, DE, PO, POA, DST, PKG, PKG_RNT, PKG_TLN, PreQC, QC, PA, and COD. A user profile section shows 'User: admin' and 'Project: Raynet GLOW'. A 'My tasks' section indicates 'Started tasks: 2'. A sidebar menu lists various application features: Package Order, Tracking, Reports, Schedules, Administration, Configuration, Change Password, Appointments, MADs to ZIP, and Appointments Monitor. The main content area is titled 'Reports' and contains a table of report items.

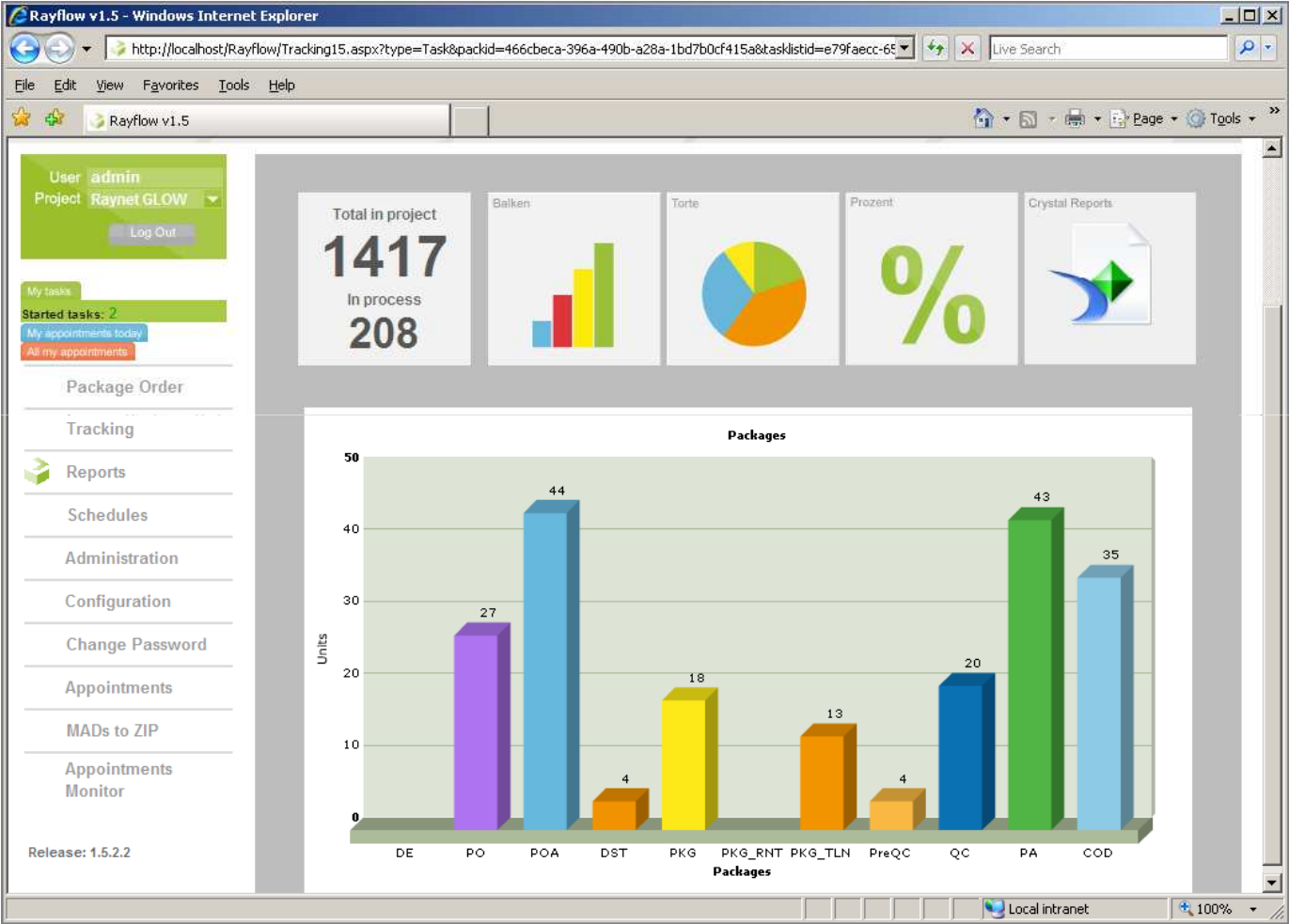
Name	Description	
00.0 PF_AcknowledgementOfDelivery	v.100 AcknowledgementOfDelivery (Package Factory)	Delete
01.0 Selective_PackageTracking	v.3.0.5.2	Delete
01.2 Selective_PackageTracking	v. 309 without Comments & Appointments	Delete
01.3 Selective_PackageTracking	v.309 speed optimized	Delete
03.0 Task_StartEnd	v.100	Delete
03.0 Task_StartEnd	v.301 / 25.02.2209 / 11:00	Delete
04.0 History	v.0302 / 11.02.2008	Delete
05.0 TasksDateFinished	v.1	Delete
06.0 WeeklyStatReport	v.100 User for Weekly Task Status count	Delete



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Visible Workload

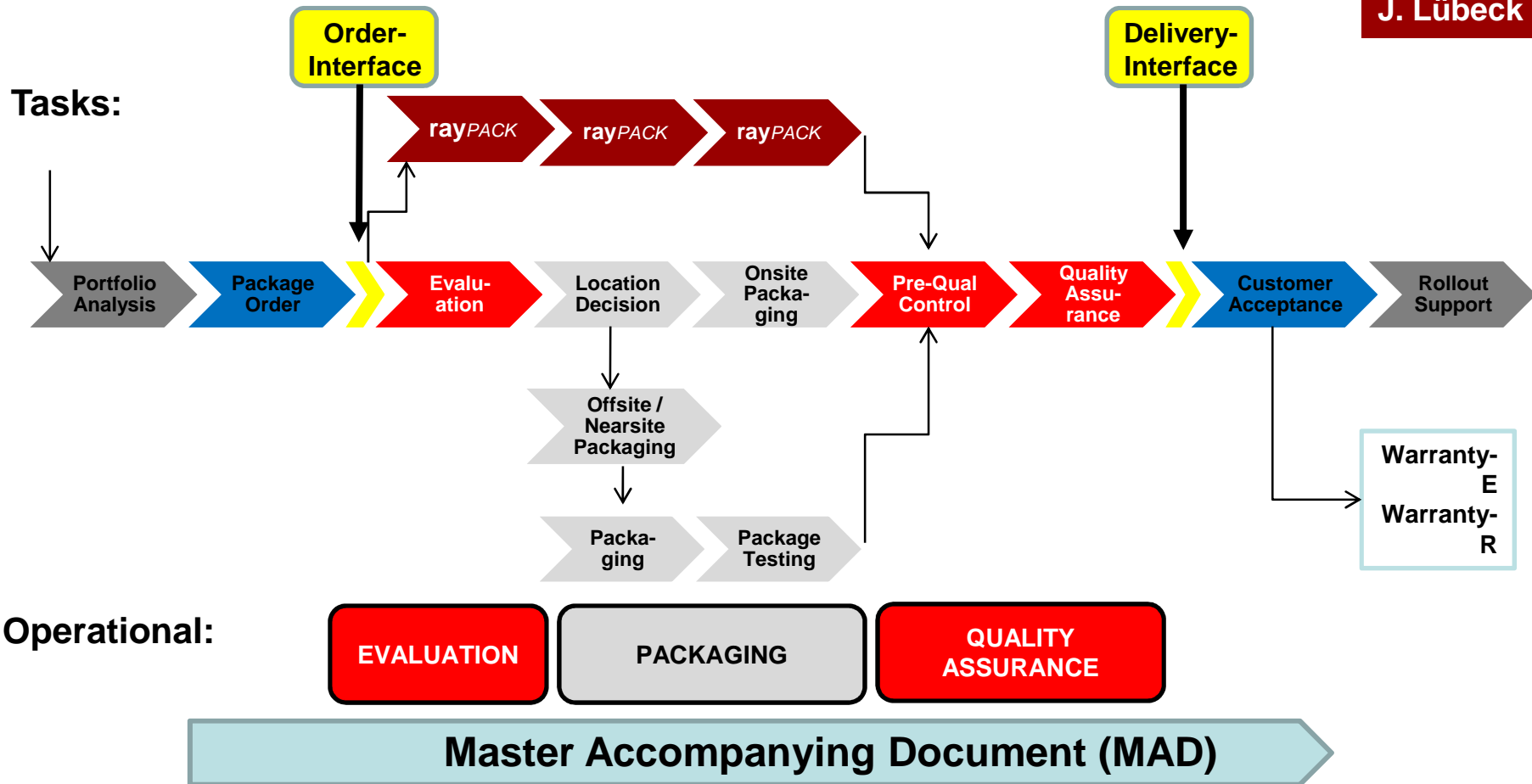


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rayPACK- Software Packaging - Best Practice Process

Referred to
at 16:15 in
Symantec
keynote
session by
J. Lübeck



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rayFLOW Road Map

rayFLOW Rel. 1.5

- Create and administer processes and users incl. authorisation
- Monitoring and controlling the package flow
 - Accepting and Evaluating
 - Onsite/Offsite Packaging
 - Quality Control
 - Customer Acceptance
 - Optional: Portfolio-Analysis, rollout support
- Multi-Client capable
- Communications Interface between rayFLOW Systems
- Communications platform for multiple rayFLOW systems
- Centralized Up-/Download (FTP, HTTP)
- Automated Package Creation (Software Workspace)
- Reporting

Planned 4th Quarter 2009

rayFLOW Rel. 2.0

- Connection to WISE Package Studio 7 / 8
- Connection to Altiris NS/DS /CMS
- Semi-automatic evaluation (rayEval)
- Semi-automatic quality assurance (rayQA)
- Local back office functionality (rayManagement)
- Load Balancing
- Master Repository
- Central X-Mailer
- Automated Package Creation (MSI, ThinApp)
- Knowledge base, Instant Messaging, Chat

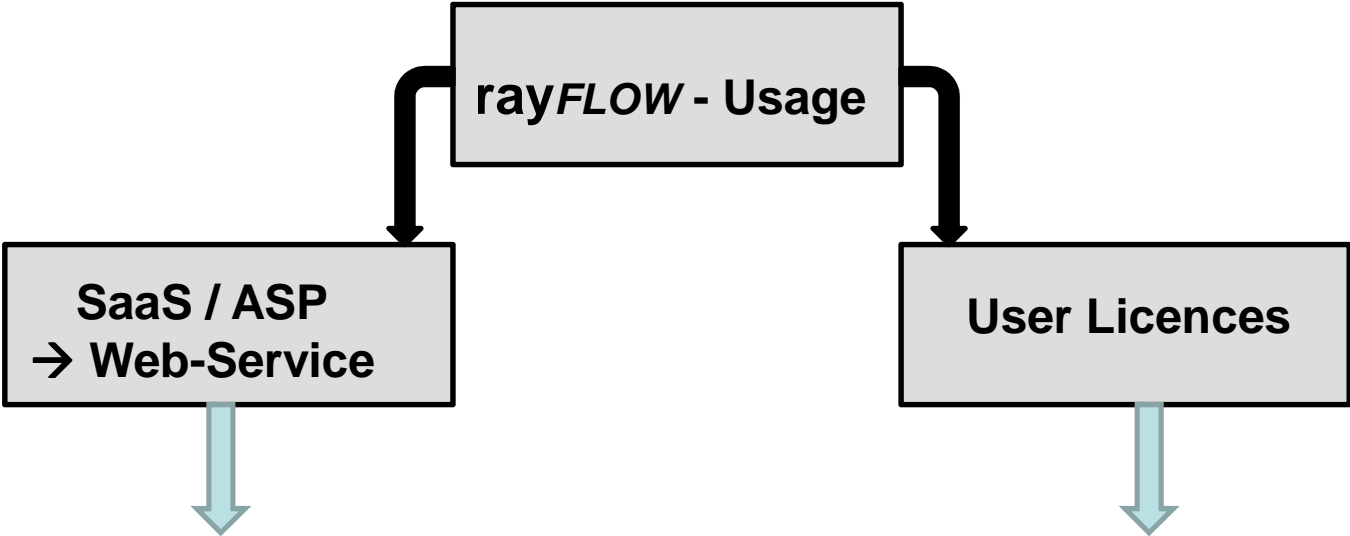
Planned 1st Quarter 2010



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rayFlow Services



by several criterias
(package types, project size
and -time plan, total package
volume, overall revenue,
etc.

In negotiation with partners



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Selected Benefits for Clients

- Overview about the complete process
- Central overview about external service providers in packaging
- Controlling and Monitoring of SLAs
- Measurable timeline
- Visible Workload
- Transparent „Black Box“
- Time space as well as point of time scheduling
- Configurable process design
- Integrated document management (Single Document Concept)
- Re-Usability / Learning effect
- Measurable package quality
- Reporting
- Multiple-Location-Support (onsite, offsite, nearsite)



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Thank you for your attention!

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