About Roche

Roche –

- The Largest Biotech Company in the World

6,720,000,000 Euros of Research Expenditure
80,129 Dedicated Employees
122 Clinical Studies
18 R&D Locations
1 Mission

Source: Roche 2011 Financial Report
About me

Rüdiger Weiss

• 2006 – 2010: I was responsible for construction and maintenance of production IT (Server, Clients, network)

• In 2010: I moved to the Service Center Technic department. I’ve been working as a user support for technical problems, e.g. coordination of rebuilds with multiple trades involved

• In 2012: We “found” winshuttle. I was building the Winshuttle environment at the Roche production site as well as providing the support of the SAP master data team by creating and maintaining Winshuttle scripts

• I am also responsible for Winshuttle growth and extension at several SAP modules in other departments
Roche at Penzberg

The site in numbers

• **In the Heart of Upper Bavaria:**
  *One of Europe’s Largest Biotech Sites*

• Founding of the Site: 1972

• Key Location for Pharma and Diagnostics

• Area: ca. 390,000 m²
ROCHE AT PENZBERG

The environment

• A GREAT PLACE TO WORK

• WORKING, WHERE OTHERS SPEND THEIR VACATIONS

• FIRST CLASS RECREATION AREA

• PENZBERG HAS 6,000 HABITANTS. ROCHE HAS CA. 5,200 FTE
Roche

Products

• **Diagnostica:**
  • Accu-Check (Blood Glucose Monitor)
  • Blood Analyzer

• **Pharmaceuticals:**
  • NeoRecormon (Epo)
  • Valium
MASTER DATA AT THE SITE

Some facts

- **EQUIPMENTS:**
  MORE THAN 55,000

- **FUNCTIONAL LOCATIONS:**
  MORE THAN 48,000

- **ABOUT 70,000**
  PERIODIC MAINTENANCE ORDERS
PERIODIC MAINTENANCE

Why so important?

• SYSTEMS MUST BE TECHNICALLY OK

• PRODUCT SAFETY

• LEGAL REQUIREMENTS

• AT A LACK OF MAINTENANCE THE PRODUCTION LINE CAN BE CLOSED BY A LOCAL AUTHORITY
WINSHUTTLE AT PM (PLANT MAINTENANCE)

Experiences

• INTRODUCTION WINSHUTTLE:
  • SPRING 2012 FIRST WINSHUTTLE TEST

• CRITERIA:
  • EXPENDITURE OF TIME WITH WINSHUTTLE
  • USABILITY
  • EXPENSE FOR EMPLOYEE TRAINING
  • ACCESSIBILITY AND QUALITY OF SUPPORT
  • COST

• RESULT:
  • SUCCESSFUL TESTED. WINSHUTTLE IS A GREAT TOOL TO SPEED UP SAP PROCESSES
WINSHUTTLE AT PM

*Used T-Codes*

- **STEP-BY-STEP INTRODUCTION AT DIFFERENT PROCESSES:**
  - **MASTER DATA ACTIVITIES, E.G.:**
    - EQUIPMENTS
    - FUNCTIONAL LOCATIONS

<table>
<thead>
<tr>
<th>SAP Transaction Code</th>
<th>Type</th>
</tr>
</thead>
<tbody>
<tr>
<td>IE01, IE02</td>
<td>create equipments</td>
</tr>
<tr>
<td>IL01, IL02</td>
<td>Functional location</td>
</tr>
<tr>
<td>IP41, IP42, IP10, ZIP3</td>
<td>Add single maintenance plan</td>
</tr>
<tr>
<td>IA05, IA06</td>
<td>Create general task list</td>
</tr>
<tr>
<td>IP02, IW32</td>
<td>Change maintenance plan</td>
</tr>
<tr>
<td>IP10</td>
<td>Schedule maintenance plan</td>
</tr>
<tr>
<td>IW21</td>
<td>Create PM notification</td>
</tr>
<tr>
<td>CAT2</td>
<td>Time Sheet: Maintain Times</td>
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</tbody>
</table>
WINSHUTTLE AT PM

Best practice

• WINSHUTTLE HELPS TO CARRY OUT THE MAINTENANCE SCHEDULE

• SUPPORTS MAINTENANCE PROCESSES:
  • CREATION OF PREVENTIVE MAINTENANCE PLANS
  • MAINTENANCE PLAN SCHEDULING
  • CREATION OF ORIGINAL DOCUMENTS

• MASTER DATA WITH WINSHUTTLE; EFFECTIVE AND FAST
  • ADD EQUIPMENTS – IE01
  • ADD FUNCTIONAL LOCATIONS – IL01
  • ADD MAINTENANCE PLANS – IP41, IP42
Winshuttle

2 examples for successful Winshuttle usage

1. Partner Function at PM
   - As is situation
   - Benefit with Winshuttle

2. Maintain time sheet
   - As is
   - Benefit with Winshuttle
Winshuttle at PM

1. Partner function

• As is before Winshuttle usage:
  • A list with relations between different contacts and technical objects in SAP was in use
    • All roles were manually maintained in a list
    • No ability to make changes in a timely manner
    • Various sources of data
    • No chance to use and maintain the SAP-feature

• Conclusion:
  • Not enough resources to use and maintain the SAP-feature “Partner-Schema” at a reasonable expense
Winshuttle at PM

1. Partner function

- Benefit with Winshuttle
  - Maintain of Datasets by T-Code:
    - IE02, Equipment Partner read, add new
    - IL02 Functional location read and add new
  - Creation of different scripts for IE02 and IL02
  - Run of excel data files (e.g. list with more than 48,000 rows; “functional locations”)
  - Conclusion:
    - Winshuttle helps to use the SAP-partner-schema
Winshuttle for neighboring-group

Maintain time sheet

- As is

  - Time reports:
    - The employees of a neighboring-group maintained their time sheets by themselves
    - Each employee required one hour per week for time recording
    - 10 employees required 40 hours per month for time recording
Winshuttle for neighboring-group

2. Maintain time sheet

- Benefit with Winshuttle
  - One script, one run for the whole group:
    - Collecting of data: 30 minutes
    - The Winshuttle-run is ready in 10 minutes
  - Time saving:
    - conventional method: 40 hours
    - Winshuttle method: about 1 hour
    - Saving: about 39 hours
## Savings at the PM department

### Monthly Report of savings

- **Savings by T-Code:**

<table>
<thead>
<tr>
<th>Date</th>
<th>T-Code</th>
<th>Description</th>
<th>Number of Datasets</th>
<th>Shuttle upload time</th>
<th>Manual upload time</th>
<th>Savings / hour</th>
<th>Sum / Euro</th>
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<td>01.03.2014</td>
<td>ML81N</td>
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<td>27,43</td>
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<tr>
<td><strong>Sum</strong></td>
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<td><strong>61,6</strong></td>
<td><strong>13.400,70</strong></td>
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### March 2014

- **Sum:** 61,6 13.400,70 €
Savings at the PM department

Benefit of savings

• The key points:
  • The employees have more time for important issues: e.g. develop new procedural methods
  • More time for additional projects: e.g. maintenance inclusion of new production building
  • Reducing the daily “whirlwind”

• Conclusion:
  • “Do more with less!”
Winshuttle

Outlook

• Central:
  • Migration of users and script-files to Central-Sharepoint

• Support and training:
  • Train the key-user

• Establish Winshuttle as a “standard-tool” at the site
Doing now what patients need next