



CAF-Guided Procedures



- **Why did SAP focus on Guided Procedures ?**
- **What is Guided Procedures and how should I use it ?**
- **What is the future scope of Guided Procedures ?**



Customer pain points

What is Guided Procedures?

How to model a Guided Procedure

„Process is back in the board room...



... and Process Management is now a major driver for significant new investment in information technology.”

PAIN POINT

Process Design & Modeling

- Business owner and IT expert do not speak the same **language**, do not share the same **concepts** of processes or use the same **tools**
- Plethora of tools without **linkage** of views & objects
- **Project time** lost due to internal alignment needs – projects running out of **budget**

PAIN POINT

Process Configuration

- Disruption between business logic and technical implementation – missing **methodology**
- No **navigation** from model to process configuration
- Missing **transparency** & **documentation**
- **No re-use** of process knowledge
- Missing **flexibility** and **adaptability** for non technical users



PAIN POINT Interactive Processes

- Missing state of the art **user interaction** for casual users and business experts
- Missing process **management** and **control** across applications and enterprise boundaries
- Missing **consistent** and **holistic** view on composite processes



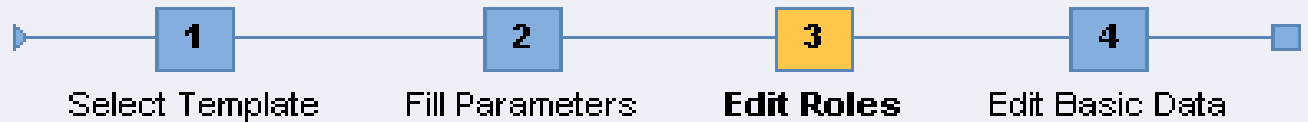


Customer pain points

What is Guided Procedures?

How to model a Guided Procedure

Guided Procedures – Keyfeatures



Guided Procedures...

- ... offers a **flexible process environment**
- ... enables user to **easily set up and execute collaborative business processes**
- ... works **on top** of companies core functions
- ... provides **reusable templates**
- ... **assists** users with **data proposal**
- ... enables **offline process execution** via Interactive forms, e-mail, spreadsheets
- ... provides a **holistic process overview**
- ... provides a **easy and intuitive** navigation and UI

BUSINESS TASK MANAGEMENT

Human Process Interaction
Ad Hoc Processes
Guided Procedures

Provides business and technical users with event-driven workitems, alerts, business context and guided procedures to effectively react and control upon process exceptions and tasks.

Process Design

Process Configuration

Process Execution

Process Monitoring

BPM

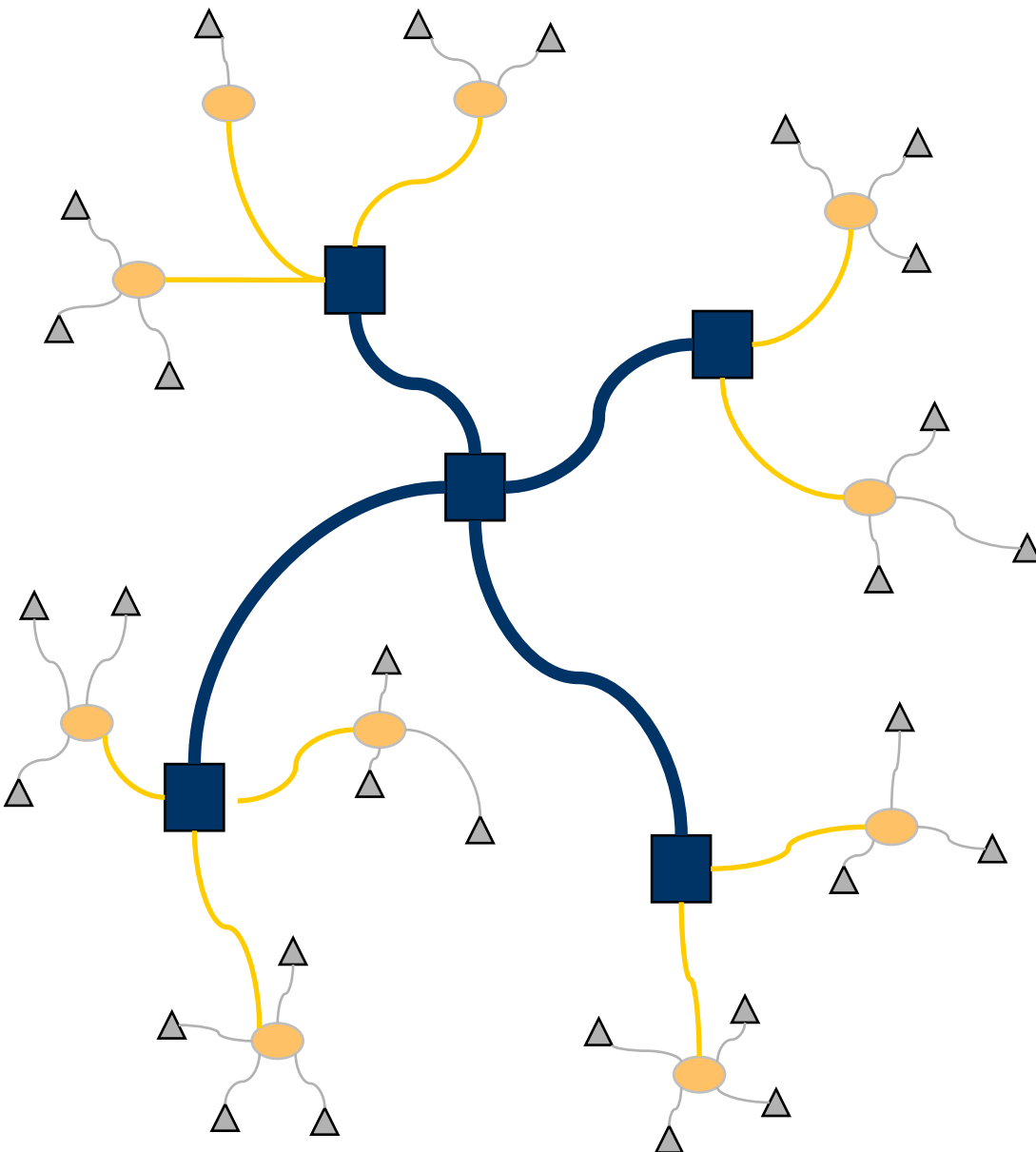
Supports different users and roles concerned with process modeling of process architecture, configuration and execution models

Supports model-driven configuration for all process types. Additionally supported by SAP Reference content.

Supports model-driven process automation for both system-to-system as well as system-to-human interaction.

Supports technical & business level monitoring

Centralized vs. Decentralized Process Control



"We need to create flexible, robust and highly scalable standardized processes"

Central IT



"We need to supplement the companies core processes with our own departmental procedures."

Business Department



"I want to delegate some of my tasks to colleagues, and track their progress."

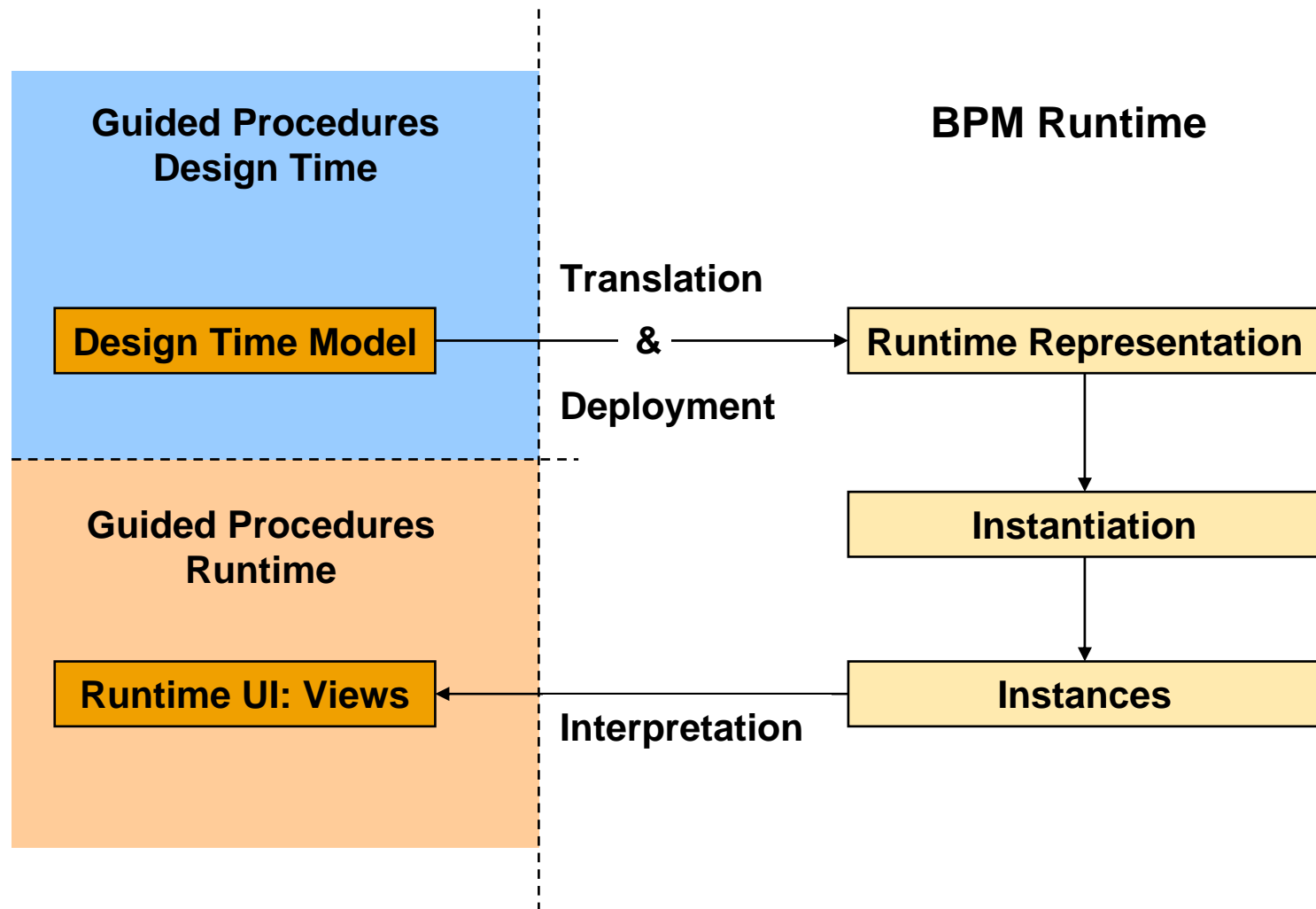
Individual

Netweaver Integration

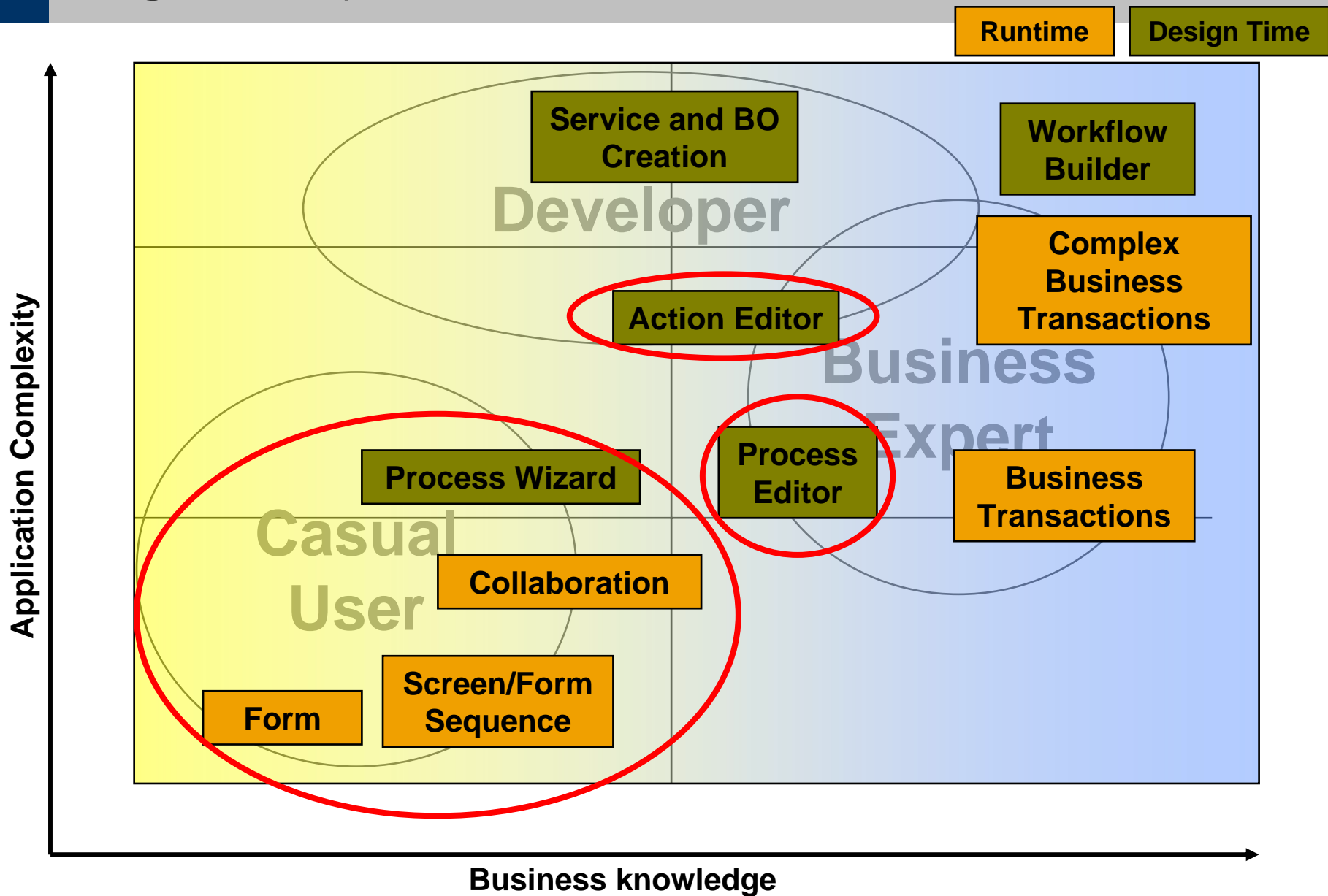
- Guided Procedures runs on **BPM Runtime**
- **Netweaver Development Infrastructure (NWDI) Connectivity**

Guided Procedures Framework

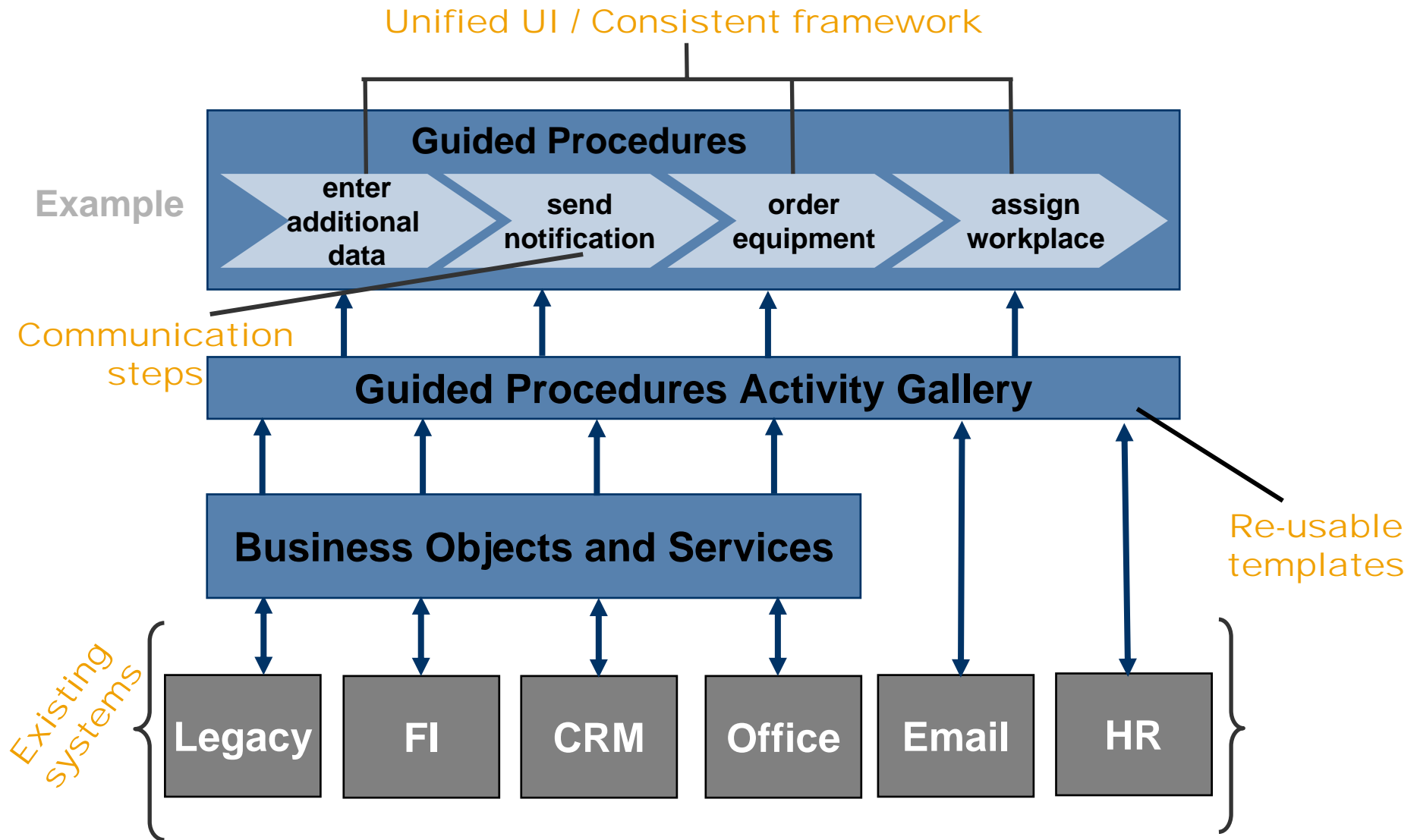
- **All in one** Design Time approach
- UI Run Time **Redesign**
- **Activity gallery** services
- Enhanced **offline process** execution



Target Groups



Guided Procedures Composite Workflows





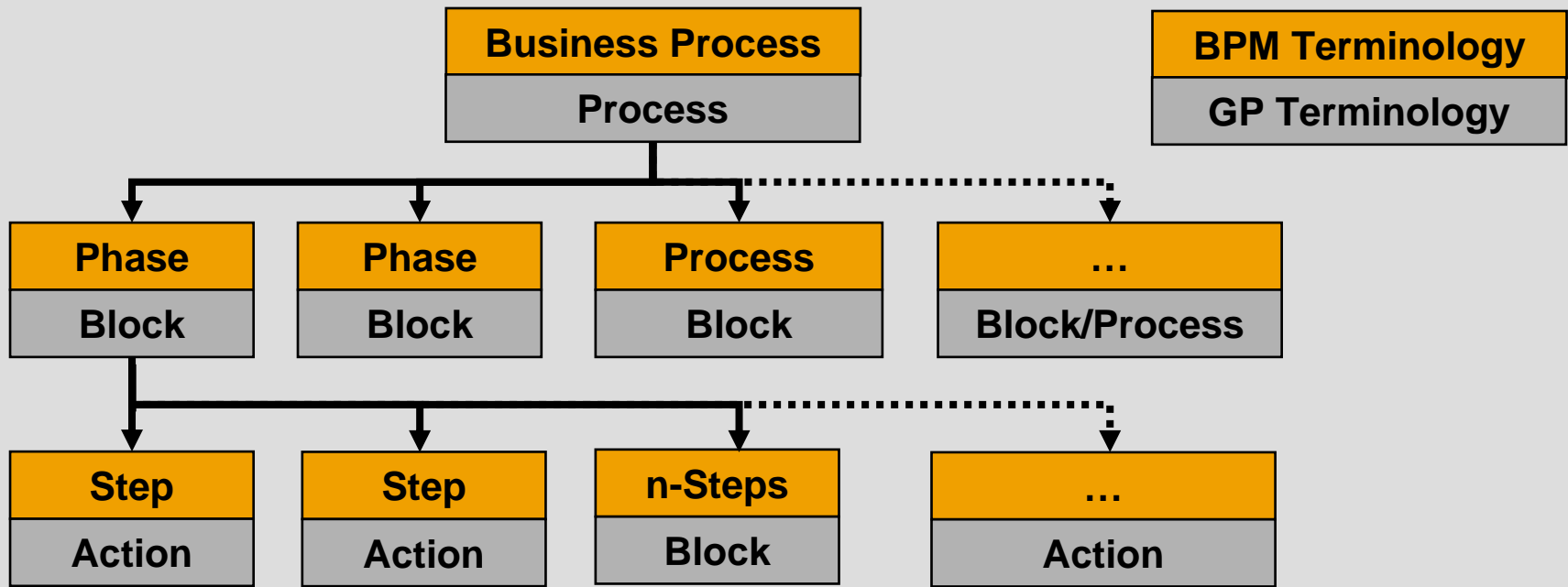
Customer pain points

What is Guided Procedures?

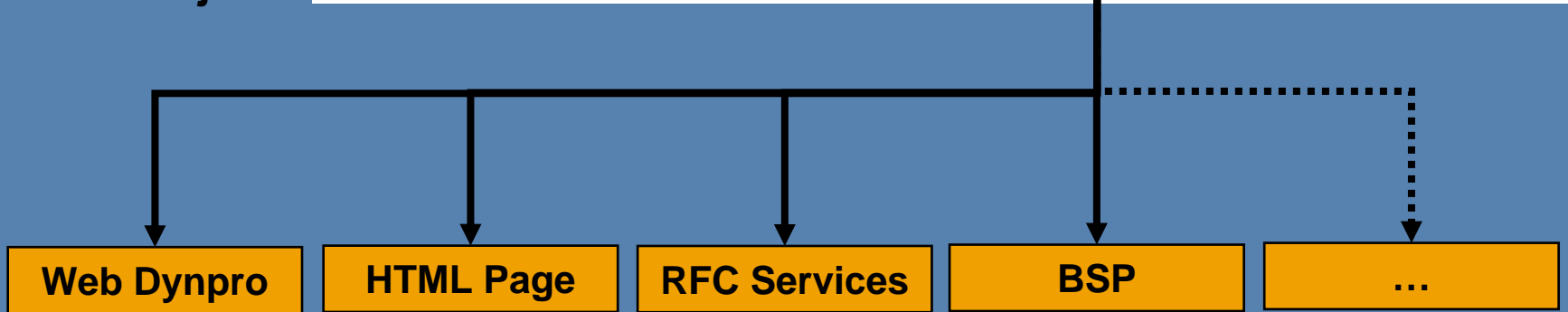
How to model a Guided Procedure

Guided Procedures Terminology Overview

Activities

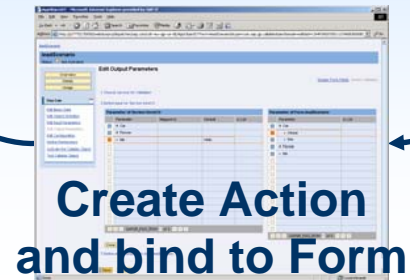
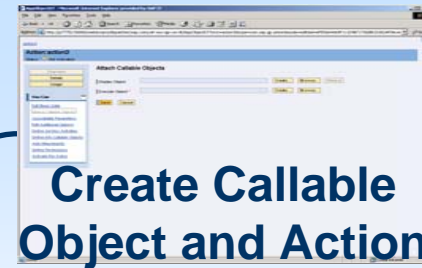
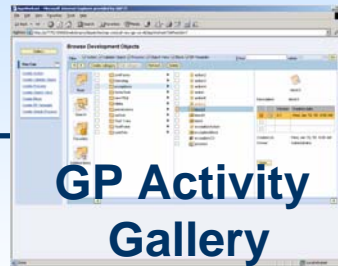
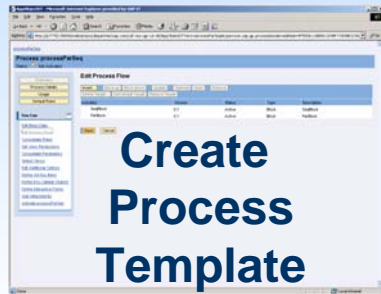


Callable Objects



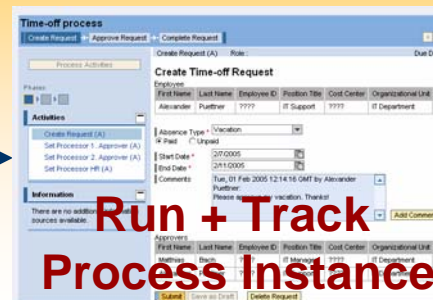
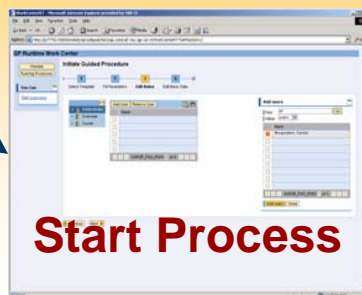
Guided Procedures Lifecycle

Guided Procedures Designtime



Interactive Form

Guided Procedures Runtime

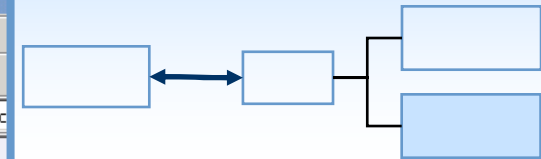




New Product Request		Form Owner: Quality Management QM-Hotline: 47474 QM-Mail: questions@sap.com
Please fill out the top part of this form as completely as possible. The required fields on this form are marked with an asterisk (*).		
Requester Information		
Author of Request: Heilmann, Arohim		Date of Request: 2/23/04
Department:		
Telephone:	Extension:	E-Mail: arohim.heilmann@sap.com
Reason for Request		
Specify at least one reason for your request:		
<input type="checkbox"/> New Development	<input type="checkbox"/> Customer Requirement	<input type="checkbox"/> Quality Improvement
<input type="checkbox"/> Production	<input type="checkbox"/> Vendor / Procurement	<input type="checkbox"/> Change of Standard
<input type="checkbox"/> Other (Please explain below):		
Are there other alternatives to creating a new product?		
<input type="checkbox"/> Reuse of existing product is not possible		
<input type="checkbox"/> Use of similar parts or products is not possible		
<input type="checkbox"/> Use of parts with higher value / better quality (max. 10% more expensive) is not possible		
New Product Identification		
Product Number:		Product Group: Warengruppe 1
Description: *		Language: English
Remarks: *		
Author's Signature: Heilmann, Arohim		After entering all data, press button to dispatch form: <input type="button" value="Submit"/>
Do not fill out the areas below. This part of the form will be completed by the Research & Development Department.		
Basic Data		
Basic Material:		
Size/Dimensions:		Critical Part: <input type="checkbox"/>
Net Weight:	Unit of Weight:	Base Unit:
Plant:	Serial number profile:	
Lotsize (min):	Lotsize (max):	
Remarks:		
Author's Signature:		

- **Electronic** representations of paper forms
- Form fields are **linked** with respective database fields
- Used in a **process step** within Guided Procedures
- Can be used **online or offline**
- Can be **pre-filled** with context data, e. g. name and cost center

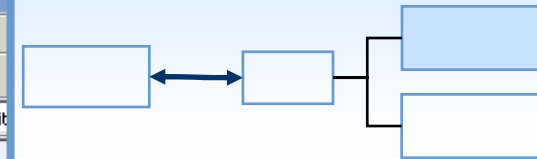
Guided Procedures Designtime



Done Local intranet

Create a Callable Object / Action

Guided Procedures Designtime



action3

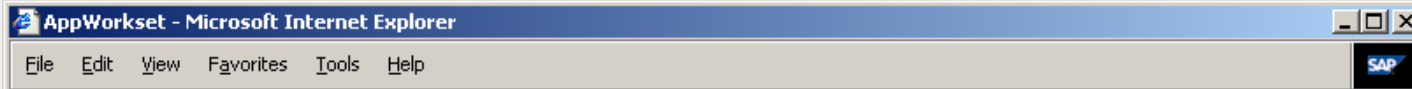
Action:action3

Status: Not Activated.

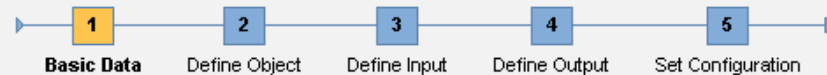
Attach Callable Objects

Display Object

Execute Object *



Create Callable Object



Type

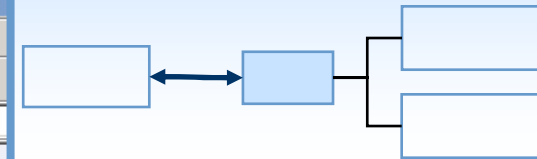
- Interactive Form
- Web Dynpro Component
- Business Server Page (BSP)
- External Service
- Web Pages
- Background Execution
 - ▶ Data Forms
 - ▶ Process Control
 - ▶ User Management
 - ▶ Miscellaneous

Name *

Description *

Use Activity gallery

Guided Procedures Designtime



AppWorkset - Microsoft Internet Explorer provided by SAP IT

File Edit View Favorites Tools Help

Back Forward Stop Home Search Favorites Media Print View Source

Address <http://p77752:50000/webdynpro/dispatcher/sap.com/cafe~eu~gp~ui~dt/AppWorkset?SAPtestId=7>

Browse Development Objects

Filter ☒ Action ☒ Callable Object ☒ Process ☒ Object View ☒ Block ☒ ER Template Find within All Go

Create category Edit category Refresh Delete

Gallery

You Can

- [Create Action](#)
- [Create Callable Object](#)
- [Create Process](#)
- [Create Object View](#)
- [Create Block](#)
- [Create ER Template](#)
- [Create Simple Process](#)

Root

Search

Favorites

Deleted Items

<input type="checkbox"/>	crmForms	▶	<input type="checkbox"/>	action2
<input type="checkbox"/>	Dienstag	▶	<input type="checkbox"/>	action3
<input type="checkbox"/>	exceptions	▶	<input type="checkbox"/>	action4
<input type="checkbox"/>	formsTest	▶	<input type="checkbox"/>	action
<input type="checkbox"/>	newTest	▶	<input type="checkbox"/>	action6
<input type="checkbox"/>	Nikita	▶	<input type="checkbox"/>	action7
<input type="checkbox"/>	permissions	▶	<input type="checkbox"/>	block3
<input type="checkbox"/>	saTest	▶	<input type="checkbox"/>	block5
<input type="checkbox"/>	Test Yves	▶	<input type="checkbox"/>	block
<input type="checkbox"/>	TestFrank	▶	<input type="checkbox"/>	exceptionAction
<input type="checkbox"/>	userDec	▶	<input type="checkbox"/>	exceptionBlock
			<input type="checkbox"/>	exceptionCO
			<input type="checkbox"/>	process

block3

Description: block3

	Version	Creation date
<input checked="" type="checkbox"/>	0.1	Wed, Jan 19, '05 9:08 AM
<input type="checkbox"/>		
<input type="checkbox"/>		

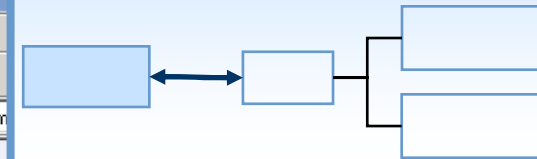
Created on: Wed, Jan 19, '05 9:08 AM

Owner: Administrator

Open...

Create Process Template

Guided Procedures Designtime



AppObjectDT - Microsoft Internet Explorer provided by SAP IT

File Edit View Favorites Tools Help

Back Forward Stop Reload Home Search Favorites Media

Address <http://p77752:50000/webdynpro/dispatcher/sap.com/caf~eu~gp~ui~dt/AppObjectDT?text=processParSeq&type=com.sap.gp.process&m>

[processParSeq](#)

Process:processParSeq

Status: Not Activated

Edit Process Flow

Insert... Move up Move down Update Optional Open Remove

Define Target... Set Default Target Remove Target

Activities	Version	Status	Type	Description
SeqBlock	0.1	Active	Block	SeqBlock
ParBlock	0.1	Active	Block	ParBlock

Save Cancel

AppWorkset - Microsoft Internet Explorer provided by SAP IT

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Address <http://p77752:50000/webdynpro/dispatcher/sap.com/caf~eu~gp~ui~dt/AppWorkset?SAPtestId=7>

Browse Development Objects

Filter ☒ Action ☒ Callable Object ☒ Process ☒ Object View ☒ Block ☒ ER Template Find within All Go

Create category Edit category Refresh Delete

Root

- crmForms
- Dienstag
- exceptions
- formsTest
- newTest
- Nikita
- permissions
- saTest
- Test Yves
- TestFrank
- userDec

- action2
- action3
- action4
- action
- action6
- action7
- block3
- block5
- block
- exceptionAction
- exceptionBlock
- exceptionCO
- process

block3

Description: block3

	Version	Creation date
	0.1	Wed, Jan 19, '05 9:08 AM

Created on: Wed, Jan 19, '05 9:08 AM

Owner: Administrator

Open...

Search

Favorites

Deleted Items

Instantiation

Guided Procedures Runtime



WorkCenterRT - Microsoft Internet Explorer provided by SAP IT

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Address <http://p77752:50000/webdynpro/dispatcher/sap.com/caf~neun~gp~ui~rt/WorkCenterRT?SAPtestId=12>

GP Runtime Work Center

Worklist

Running Processes

You Can

[Start a process](#)

Initiate Guided Procedure

1 Select Template 2 Fill Parameters 3 **Edit Roles** 4 Edit Basic Data

☐ Administrator

☐ Overseer

☐ Owner

Add User Remove User

	Name
<input type="checkbox"/>	
<input type="checkbox"/>	
<input type="checkbox"/>	
<input type="checkbox"/>	
<input type="checkbox"/>	

SAPUR_PAG_ROW 0 of 0

Add users

Find Go

Within users

	Name
<input checked="" type="checkbox"/>	Morgenstern, Sandra
<input type="checkbox"/>	
<input type="checkbox"/>	
<input type="checkbox"/>	
<input type="checkbox"/>	
<input type="checkbox"/>	
<input type="checkbox"/>	
<input type="checkbox"/>	

SAPUR_PAG_ROW 1 of 1

Add users Done

Previous Next

Done Local intranet



Time-off process

Create Request → Approve Request → Complete Request

Process Activities

Phases:



Activities

Create Request (A)

Set Processor 1. Approver (A)

Set Processor 2. Approver (A)

Set Processor HR (A)

Information

There are no additional information sources available.

Create Request (A)

Role :

Due Date:

Create Time-off Request

Employee

First Name	Last Name	Employee ID	Position Title	Cost Center	Organizational Unit
Alexander	Puettner	????	IT Support	????	IT Department

Absence Type *

☒ Paid ☐ Unpaid

Start Date *

End Date *

Comments
 Tue, 01 Feb 2005 12:14:16 GMT by Alexander Puettner:
 Please approve my vacation. Thanks!

Add Comments

Approvers

First Name	Last Name	Employee ID	Position Title	Cost Center	Organizational Unit
Matthias	Bach	????	IT Manager	????	IT Department
Alexander	Puettner	????	IT Support	????	IT Department

Submit

Save as Draft

Delete Request