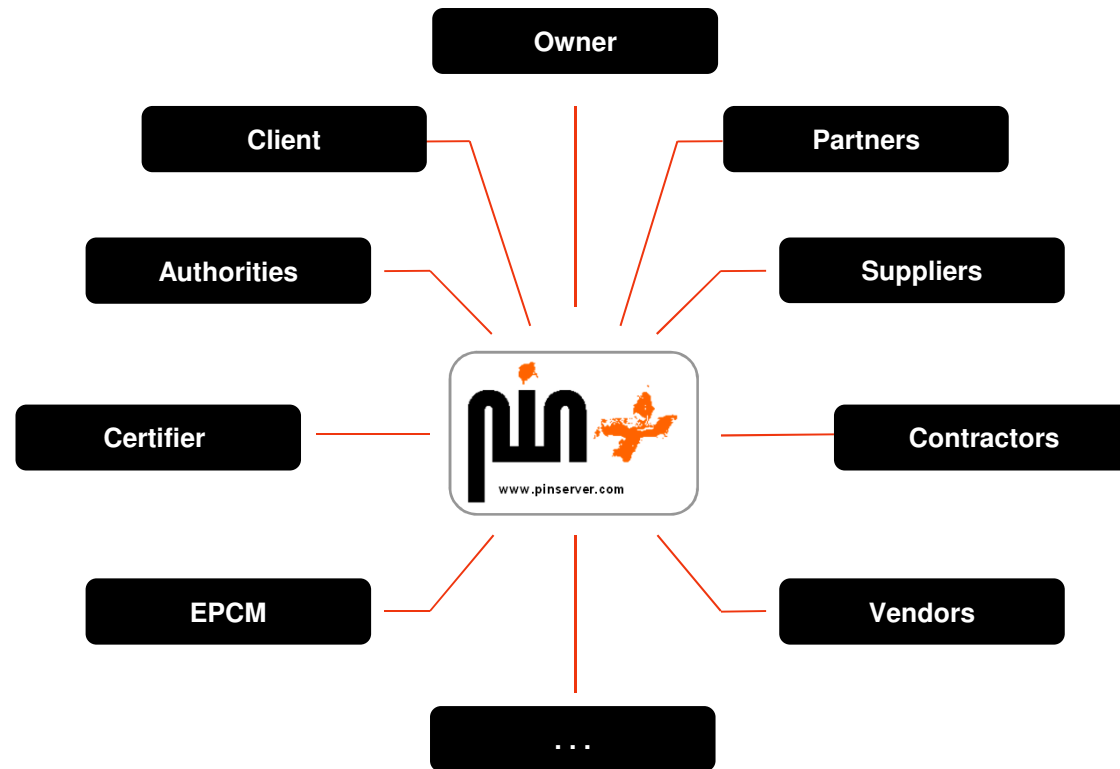


1. The Basic Concept



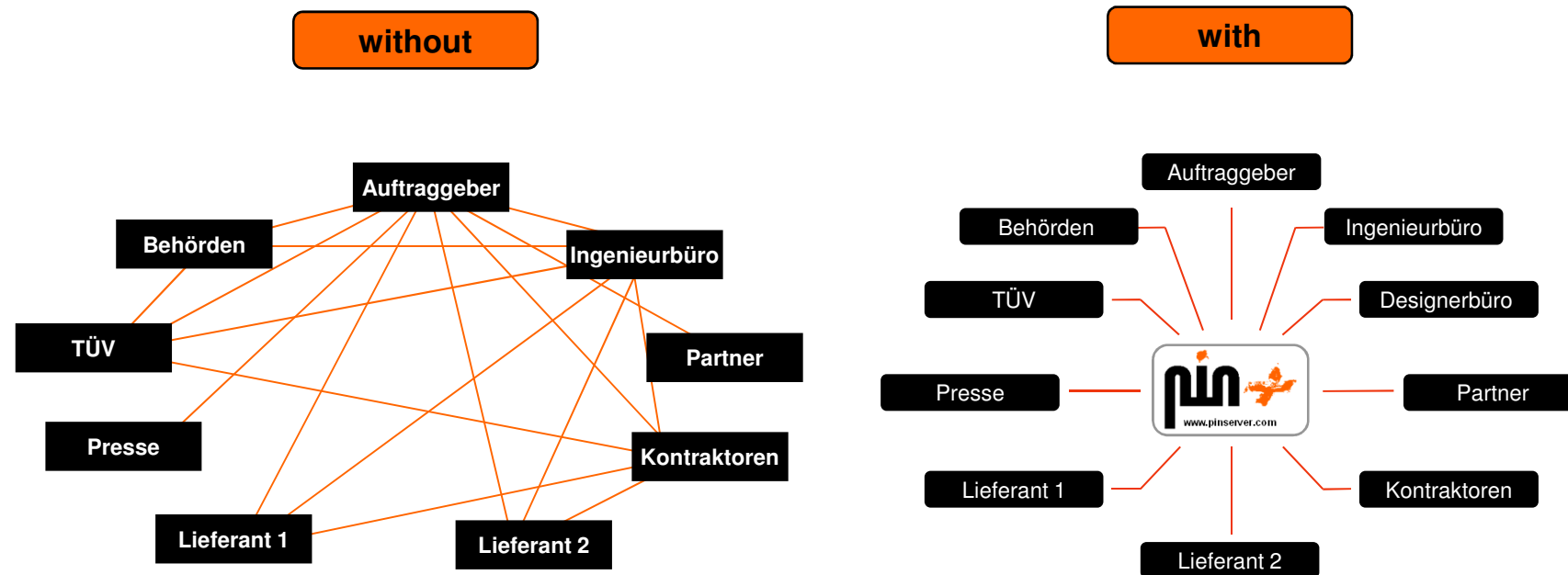
One System for all Project Members



Project driven Concentric Information System



Project driven Concentric Information Management



Random driven communication ways

One central information source
for all project members

Project driven Concentric Information Management

Server Locations

User Locations

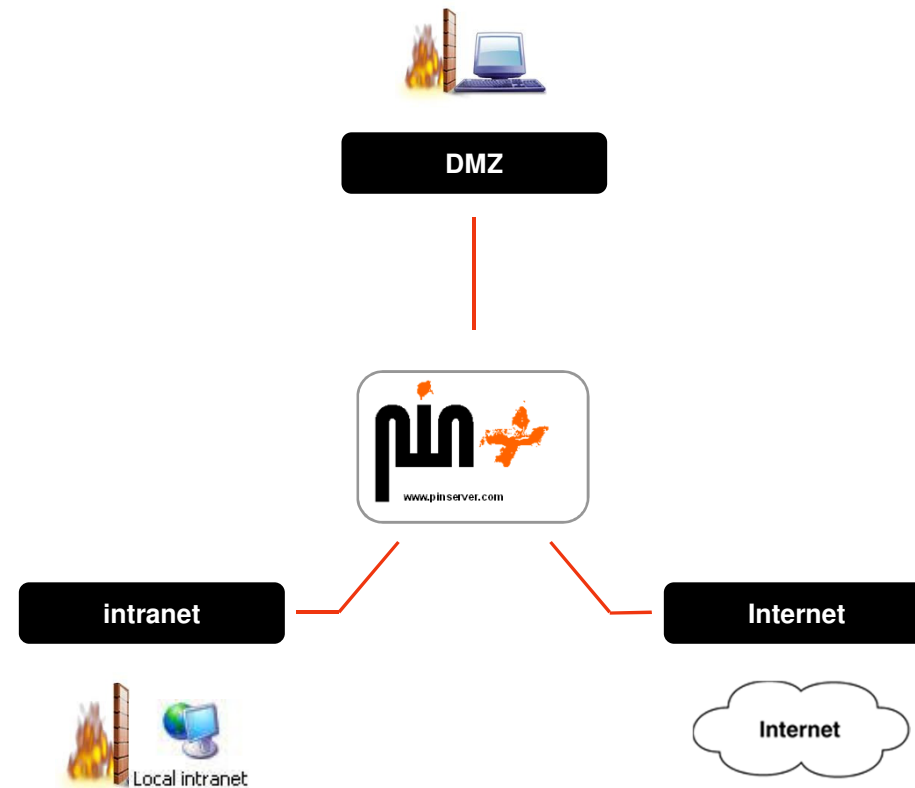
Project Locations

Document Locations

Real time integration

Web Browser support

Automate Actions



Project driven Concentric Information Management

Server Locations

User Locations

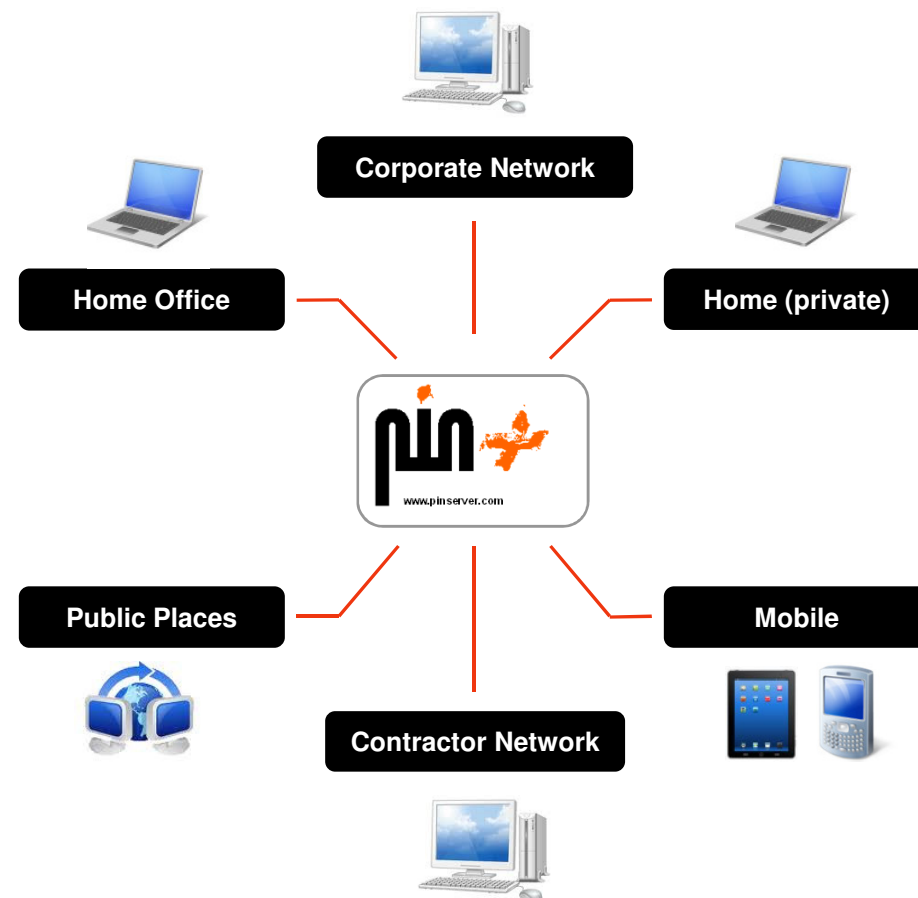
Project Locations

Document Locations

Real time integration

Web Browser support

Automate Actions





Project driven Concentric Information Management

Server Locations

User Locations

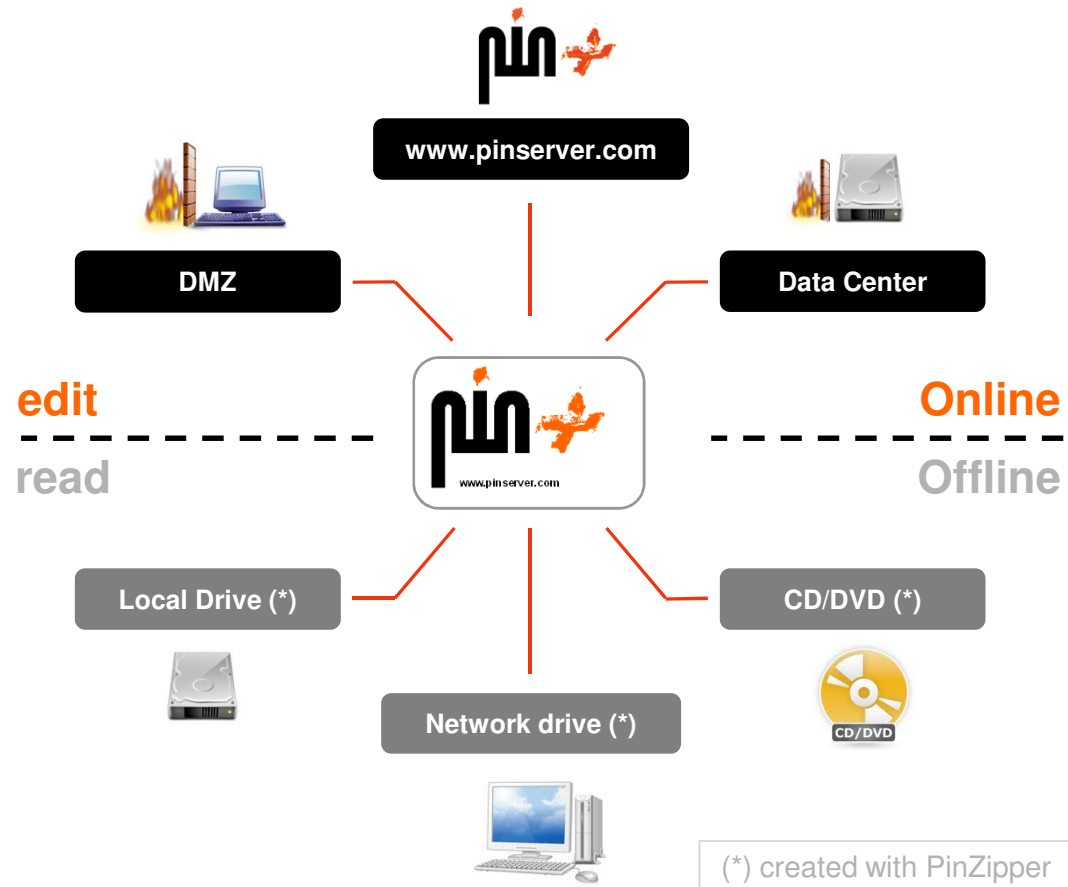
Project Locations

Document Locations

Real time integration

Web Browser support

Automate Actions



Project driven Concentric Information Management

Server Locations

User Locations

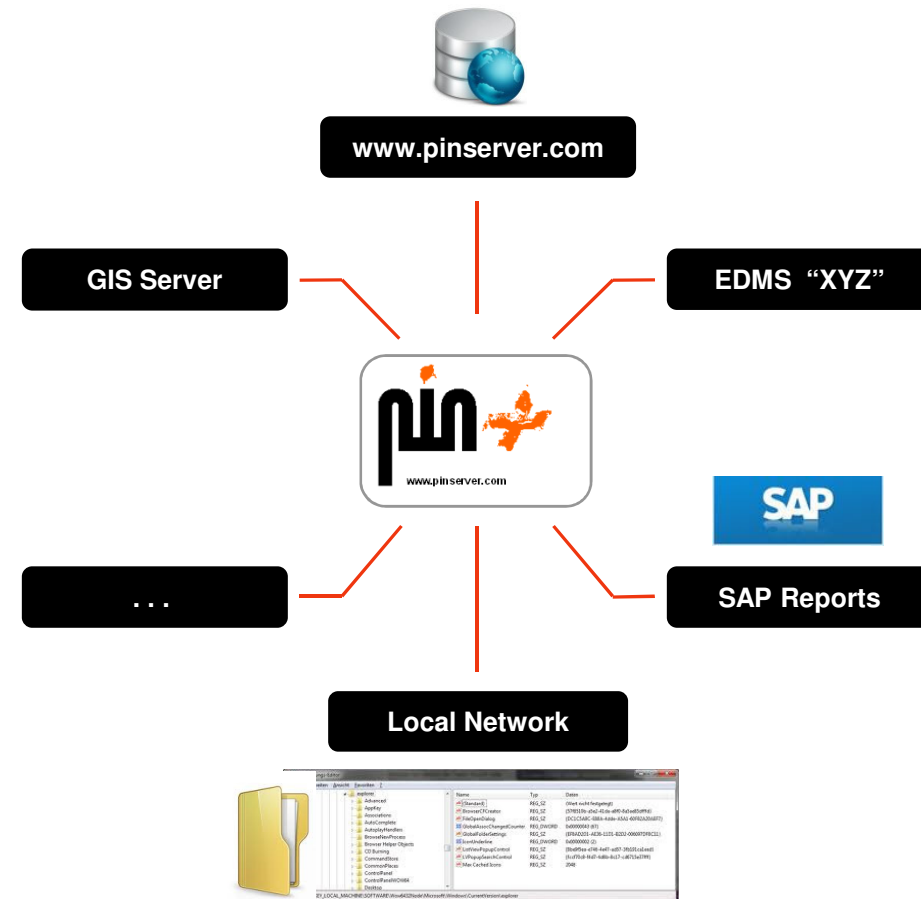
Project Locations

Document Locations

Real time integration

Web Browser support

Automate Actions



Project driven Concentric Information Management

Server Locations

User Locations

Project Locations

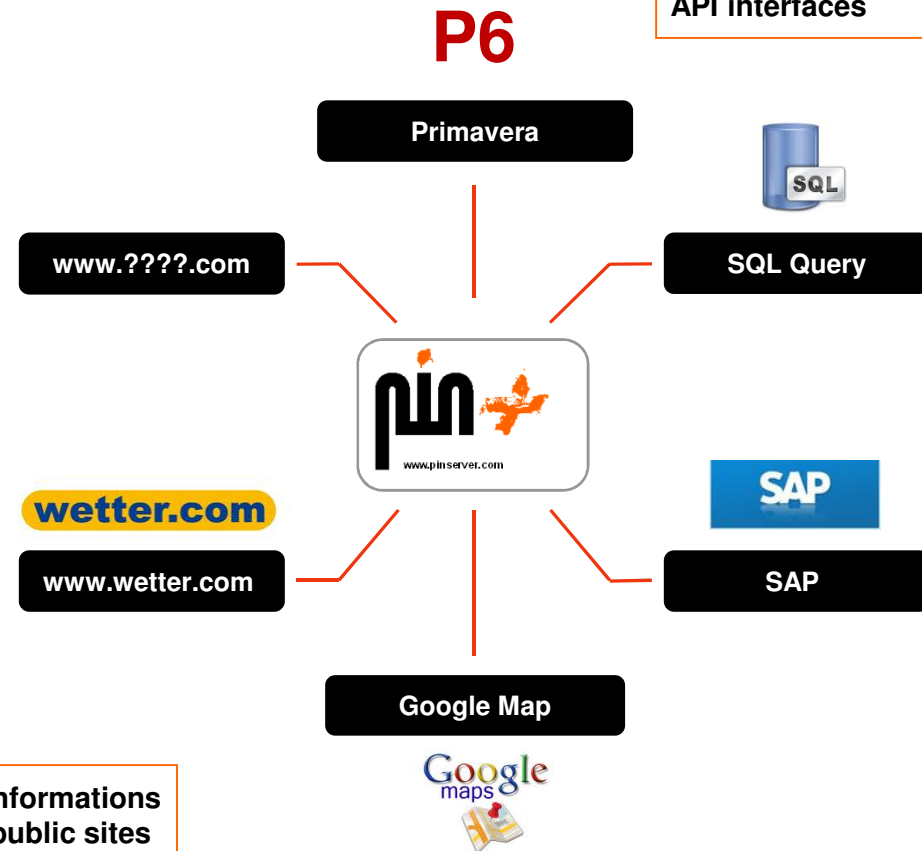
Document Locations

Real time integration

Web Browser support

Automate Actions

Live Reports by using API interfaces



Project driven Concentric Information Management

Server Locations

User Locations

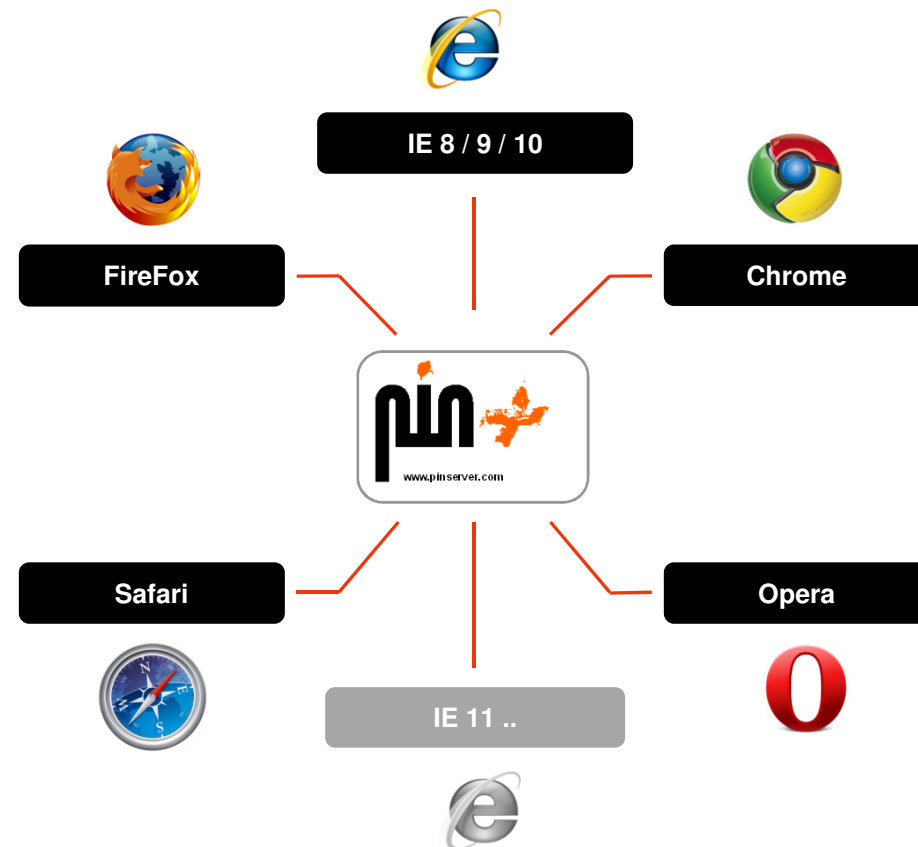
Project Locations

Document Locations

Real time integration

Web Browser support

Automate Actions



Project driven Concentric Information Management

Server Locations

User Locations

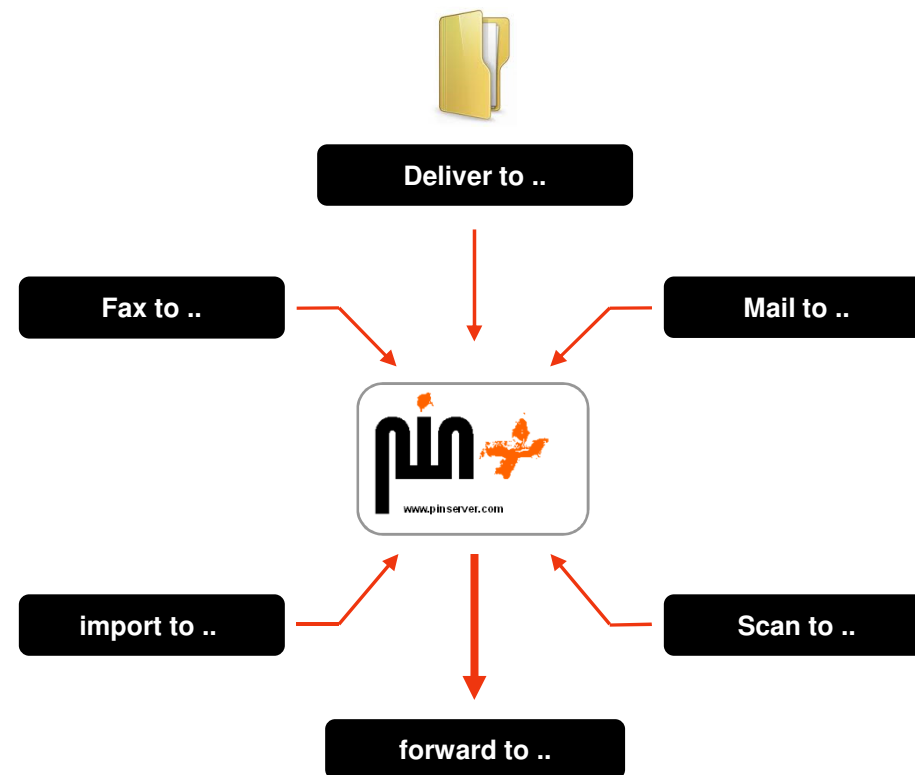
Project Locations

Document Locations

Real time integration

Web Browser support

Automate Actions



Document Relationship Management (Favorite Selection)

Link **to** Doc

X Links **to** **Y** Docs

Link **to** Doc of Projcet **B**

Link **to** Navigation Page

Link **to** Google Map

Link **to** URL

Link **to** Command

Link **to** Doclist

Link **to** Folder

Link **to** ..





Principles

- knowledge growth with sharing
- 100% web based
- max 5 clicks
- don't search but find (graphic context navigation)
- no requestor no information/document
- do not copy from but **link** to trusted information sources/systems
- Rely on common software standards where ever possible
- no data and user limits
- no software training required (for daily use)



Unique Features (patent pending)

- **PinViewer** Online/Offline graphic document navigation
- **LinkMaker** Document relationship manager
- **PinZipper** Snapshot / Export / Import / Backup / Archive
- **MapViewer** GoogleMaps / BingMaps integration for navigation
- **BatchMaster** Batch document processing
- **StatusManager** Dash Board & Balanced Score Card processor
- **ReverseSearch** locate “back” the document’s MenuTree & NavPage



Search & Navigation Features (Selection)

- Jump to embedded Document Links
- Drill down by Document Status
- Drill down and “goto” by graphic navigation
- Toggle from/to online GIS (i.e. Google Maps)
- Navigate by document cross references
- Full text index search
- Localize at graphic navigation
- Find by filter criteria & graphic filter visualization
- E-mail transmittal with open, navigate and localize
- Scroll back by action or revision history
- ..

4. Feature Summary (Selection) (2/5)



Drill down by Document Status

Alle Lieferanten ▼ Alle Bearbeitungen ▼ Alle Gruppen ▼ Suchen
 Alle Firmen ▼ Alle Anforderer ▼ Alle Prüfer ▼

Dokumentstatus

MenuTree	Lieferfortschritt		Bearbeitungsfortschritt						
	#	%	Gesamt	Nicht geliefert	ungelesen	in Prüfung	in Revision	OK	%
				Lieferant	Anforderer	Anforderer	Lieferant	Anforderer	
Summe:	1387 (1220)	88.0	1387	167	260	24	6	930	
⊕ Organisation	184 (180)	97.8	184	4	0	0	0	180	
Terminplan Genehmigung	2 (2)	100.0	2	0	0	0	0	2	
⊕ Genehmigungsverfahren (V)	549 (464)	84.5	549	85	89	9	3	363	
⊕ Studien (S)	19 (10)	52.6	19	9	8	1	0	1	
⊕ Gutachten (G)	143 (96)	67.1	143	47	56	8	0	32	
⊕ Planungsunterlagen (P)	413 (392)	94.9	413	21	107	6	3	276	
⊕ Juristische Aspekte (J)	74 (74)	100.0	74	0	0	0	0	74	
⊕ Standard / Konventionen	3 (2)	66.7	3	1	0	0	0	2	

4. Feature Summary (Selection) (3/5)



Drill down & goto by graphic Navigation

ITECS ENGINEERING

DocIndex

- PIN Wis Sum
- Werksschutz ..
- Werkssplan
- Gebaudetechnik
- Maschinentchnik ..
- Fließbilder**
- Hygienetechnik ..

Demo Werks-Informationssystem

2004-2006
ITECS Engineering GmbH

Mit freundlicher Genehmigung
der Schülke & Mayr GmbH
Norderstedt.

S&M

© 2004-2005
ITECS Engineering GmbH

ITECS ENGINEERING

DocIndex

- PIN Wis Sum
- Werksschutz ..
- Werkssplan
- Gebaudetechnik
- Maschinentchnik ..
- Fließbilder ..**
- Hygienetechnik ..

- Be-01
- Be-02
- Be-03 ..**
- Be-04
- Be-05
- Be-06
- Be-07
- Be-08
- Be-09
- Be-10
- Be-11
- Be-12
- Be-13
- Be-14
- Be-15
- Be-16
- Be-17

- Hygienetechnik ..

Fließbilder

- Fließbild
- Armaturenliste
- Apparateliste
- Rohrleitungsliste
- DocList

639 640
641 644
637 638
670
653 649

BE 12 17
BE 12
BE 4
BE 31
BE 3
BE 4
BE 12
BE 4
BE 31
BE 3
BE 4
BE 12
BE 4
BE 31
BE 3
BE 4

Rev.	Verf.	Datum	Bezeichnung	Gründe
1
2
3
4
5

Fließbilder ..

100%



Standard Funktionen

- 100% web-basiertes Dokument Management System (1 Server, keine Software Installation auf der Dow Workstation erforderlich)
- Rollenbasiertes Berechtigungssystem
- BatchMaster zur Erfassung der Dokumente (MasterIndex)
- Erprobte Workflow- und Freigabemechanismen
- Transmittal- & Benachrichtigungssystem
- Dokumentversionierung
- Integrierte Zuordnung nach Document Classification Code (DCC)
- Integrierte Zuordnung nach Gerätegruppen (z.B. GEMTS)
- Smart phone support (Android, iPhone, iPad)



Erweiterte Funktionen

- Dokument Relationship Management System
- Document Deliverable Matrix z.B. zum Tracen der Vollständigkeit der Technische Dokumentation je Tag-Nummer
- Dynamische Erzeugung der Cause & Effect Matrix auf Basis der Relationen zwischen Aktoren und Sensoren sowie Logikschaltungen im Leitsystem
- Dynamische Erzeugung von SIS Loop Validation Reports (XooY)
- Realtime document status information & dash board