

**cristina 222-3333**

[illegible]

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```

New Page

Delete

## Rename

## RSS Feed

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"Migration", "Main_Page", "Localization", "M+Analytics_L10n_FAQ", "Architecture", "How_To_",
"JIRA", "Improvements", "Sample_SQL_to_SQL_Server",
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you want to save your changes?", "link.revert": "Revert", "tab.edit": "Edit Page", "label.title": "Title:",  
"tab.view": "View Page"} ); //]]>Architecture

[View Page](#) | [Edit Page](#) | [Details](#)

## Architecture diagram

### •Exchange system &M+Archive

#### Architecture components

- DP - Data Provider
- Archive Repository Structure
- Dynamic Store Backup library

#### Required cleanup, updates, upgrades

- DP consolidation and cleanup
- No single point of failure architecture (DP fail-over, SA failover, etc)
- DP interface as "Google Visualization-compliant data source" using Google Visualization API *wire protocol?*
- Audit files back-up and DR
- Event based triggers support in M+Open
- Support for scripted policies (python script as filtering policies)
- CAStore restore over the Content Router API
- Exalead search port to v10 API
- Exalead v5.0 port
- M+Open connector architecture redesign (code duplication across all connectors)
- Message/stub injection in GW
- Redesign M+Open clustering for communication over HTTP
- File based centralized PUSH/SEARCH/STORAGE server
- Consolidate configuration settings/repositories in RCIconfig w/ services requesting their own settings over an HTTP based protocol (policies, DP, SA, ISAPI filters etc)
- M+Open framework adaptation to M+Archive requirements -> less generic
- Diagnostic tools
- PDF conversion toolkit w/ support for redaction (commercial version)
- Diagnostics tab in webadmin
- Support for the latest version of .NET
- Indexing job load balancer, account name hash value based.

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A few more ideas...

- Mailbox iterator (the one you don't want)

Centralize the business logic in a single component

Same way to manage the counters

Same way to log stuff;

- Creation of a device component to centralize the code related to writing/updating/deleting (maybe indexing) the messages. All jobs should use this to update the devices. Basically it's refactoring the existing code and remove the duplication.
- Clean up of the job/Framework billion of tracing modules;
- Creation of a super job responsible of managing the duplicate code for all the jobs + code review of all jobs to remove duplication/properly manage the errors/log/count etc...
- Revisit the Integrity Checker, make it's visible and useful;
- Review of all mappings for all job kinds + documentation of the data models and mapping;
- Central point of configuration for all components + Notifications to the registered components of config changes + configuration updates without service restarts;
- Standardization of logging/tracing for all components, including log rotations et folder structure;
- More solid management of account rename;
- More solid management of attachment references count for deletion (Not based on index);
- Disconnect the "on-line" dependency of e-dir. Have an e-dir watcher connected to the configuration manager to distribute the configurations when changed. This should simplify a lot the set-ups.
- System health watcher and post install diagnostic to make sure all is set properly (including the node states).
- Review of the data providers, including getting rid of Exalead Web Service, which is a pain;

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Display Name	ATI03 AUTO03<ati03@smt.qa.com><ati04@smt.qa.com> (ATI04 AUTO04) (ATI10 AUTO10)
Email	ati10@smt.qa.com
UUID	1C6CD4F0-0200-0000-BC4B-AAA2BC7891B1
Reply To	ati10@smt.qa.com
Text	ATI03 AUTO03<ati03@smt.qa.com><ati04@smt.qa.com> (ATI04 AUTO04) (ATI10 AUTO10)
To	altă surpriză; ATI01 AUTO01; ATI02 AUTO02; ATI03 AUTO03; ATI04 AUTO04; ATI05 AUTO05; ATI06 AUTO06; ATI07 AUTO07; ATI08 AUTO08; ATI09 AUTO09; ATI0X; ATI10 AUTO10; ATI11 INVISIBLE01; ATI12 EXTERNAENTITY01; Sehenswürdigkeiten Außerdem; EDGE01 RTF01; EDGE02 RTF02; EDGE03 RTF03; EDGE04 RTF04; EDGE05 RTF05; Merkés François; LZ; QA&DEV Group; Ανάπτυξης Ευρωπλάνο; Проверка драйверы
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Subject	cristina 222-3333
Scheduled date	2010-08-04 13:22:40
Creation date	2010-08-04 13:22:40
Modified date	2010-08-19 13:01:11
Delivered date	2010-08-04 13:22:40
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Type	file
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Email	ATI03@smt.qa.com
UUID	965A2B60-01FF-0000-BC4B-AAA2BC7891B1
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Recipient Type	SystemGroupMember
Recipient	ATI04 AUTO04
Display Name	ATI04 AUTO04
Email	ATI04@smt.qa.com
UUID	AB213B10-01FF-0000-BC4B-AAA2BC7891B1
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Display Name	ATI05 AUTO05
Email	ATI05@smt.qa.com
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Display Name	ATI06 AUTO06
Email	ATI06@smt.qa.com
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Email	ATI07@smt.qa.com
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Display Name	ATI08 AUTO08
Email	ATI08@smt.qa.com
UUID	F79C3DA0-01FF-0000-BC4B-AAA2BC7891B1
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Display Name	ATI09 AUTO09
Email	ATI09@smt.qa.com
UUID	0A6EA940-0200-0000-BC4B-AAA2BC7891B1
Distribution Type	TO

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Distribution Type	TO
Recipient Type	SystemGroup
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Display Name	ATI10 AUTO10
Email	ATI10@smt.qa.com
UUID	1C6CD4F0-0200-0000-BC4B-AAA2BC7891B1
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Recipient Type	SystemGroupMember
Recipient	ATI11 INVISIBLE01
Display Name	ATI11 INVISIBLE01
Email	ATI11@smt.qa.com
UUID	21AF95C0-0204-0000-BC4B-AAA2BC7891B1
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Recipient Type	SystemGroupMember
Recipient	ATI12 EXTERNAENTITY01
Display Name	ATI12 EXTERNAENTITY01
Email	ATI12@smt.qa.com
UUID	B31F07C0-0204-0000-BC4B-AAA2BC7891B1
Distribution Type	TO
Recipient Type	SystemGroupMember
Recipient	Sehenswürdigkeiten Außerdem
Display Name	Sehenswürdigkeiten Außerdem
Email	Außerdem@smt.qa.com
UUID	526E4940-0A79-0000-961A-B6E75AD0D8A9
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Recipient Type	User
Recipient	EDGE01 RTF01
Display Name	EDGE01 RTF01
Email	EDGE01@smt.qa.com
UUID	3FAA9740-0200-0000-BC4B-AAA2BC7891B1
Distribution Type	TO
Recipient Type	User
Recipient	EDGE02 RTF02
Display Name	EDGE02 RTF02
Email	EDGE02@smt.qa.com



Property	Value
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Display Name	EDGE05 RTF05
Email	EDGE05@smt.qa.com
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Recipient Type	User
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Display Name	Merkés François
Email	François@smt.qa.com
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Recipient Type	User
Recipient	LZ
Display Name	LZ
Email	LZ@smt.qa.com
UUID	D231A130-0D2C-0000-B9F1-9CABF49B1383
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Recipient Type	SystemGroup
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Display Name	QA&DEV Group
Email	QA&DEV Group@smt.qa.com
UUID	75D85380-02A9-0000-BC4B-AAA2BC7891B1
Distribution Type	TO
Recipient Type	SystemGroup
Recipient	Ανάπτυξης Ευρωπλάνο

Property	Value
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Email	Ευρωπλάνο@smt.qa.com
UUID	413567E0-01FE-0000-BC4B-AAA2BC7891B1
Distribution Type	TO
Recipient Type	User
Recipient	Проверка драйверы
Display Name	Проверка драйверы
Email	Проверка@smt.qa.com
UUID	16171620-01FF-0000-BC4B-AAA2BC7891B1
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Recipient Type	User
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Delay delivery until	0
Delegated	false
Archived	false
Read	true
Deleted	false
Opened	true
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Return notification when deleted	false
Return notification when completed	false
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Archive Version	2008.1
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Location ID	1295973731638
Class Name	GW.MESSAGE.PHONE
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Personal Subject	
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Folder	Mailbox
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Name	Mailbox
Type	Mailbox
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Share Type	NotShared

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company	ma
phone	222-3333
flags	
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urgent	true

[illegible]

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Path.Name.Extension

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c:\Documents and Settings\Administrator\ntuser.ini  
c:\Documents and Settings\Administrator\Sti\_Trace.log  
c:\Documents and Settings\Administrator\syslog.  
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