

Novell DataSync

Codenamed “Gradenko”

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Gradenko Overview

Product Introduction

Gradenko is a bi-directional and many-to-many sync solution that connects disparate collaboration software.

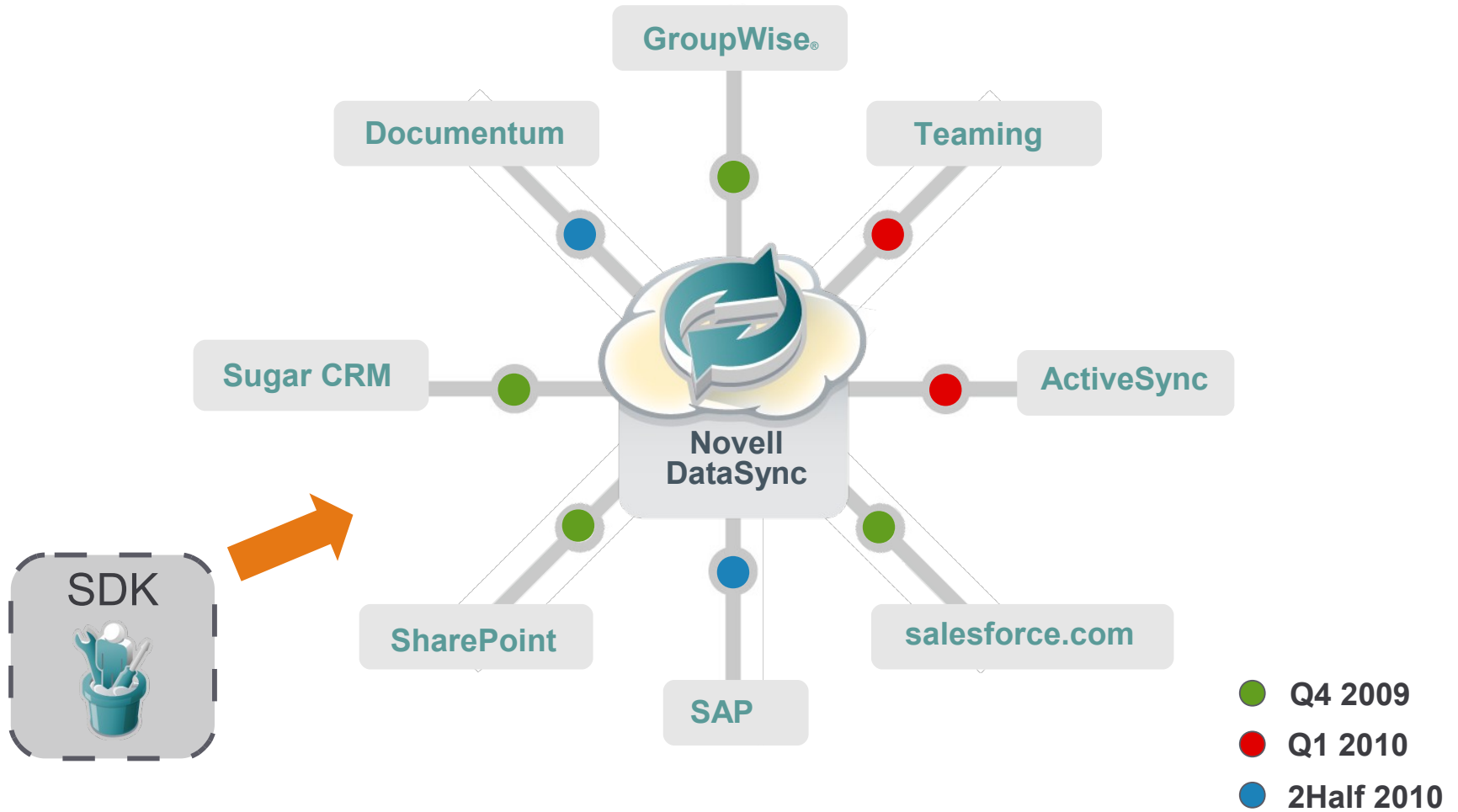
Features and benefits of Gradenko include:

- ✓ Real-time, event-driven sync
- ✓ Connection to multiple applications
- ✓ Many pre-configured connectors
- ✓ Customizable connectors

Seamlessly sync mail, calendar, tasks, events, and any other collaboration types of data to multiple systems.

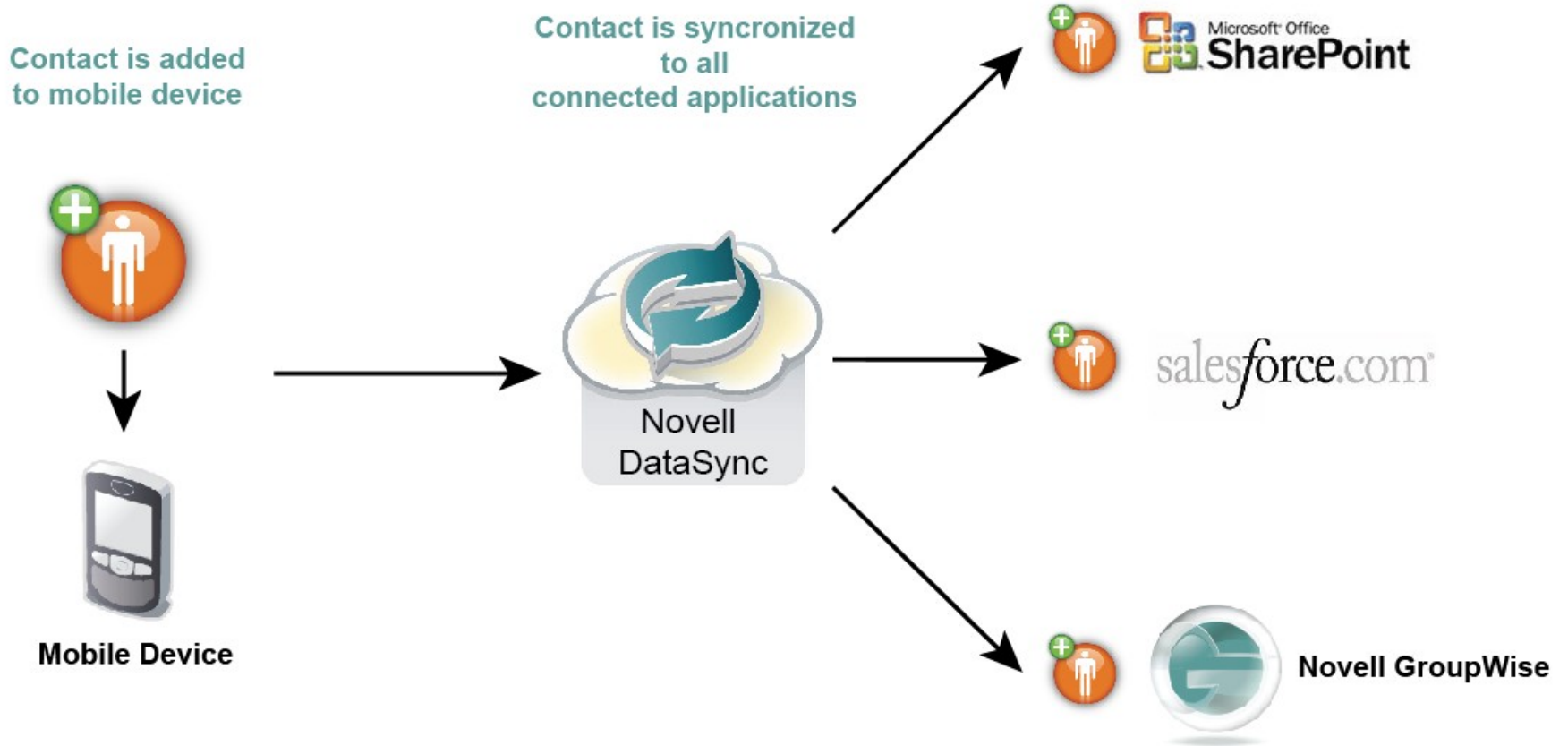


Connector Deliver Time-frame

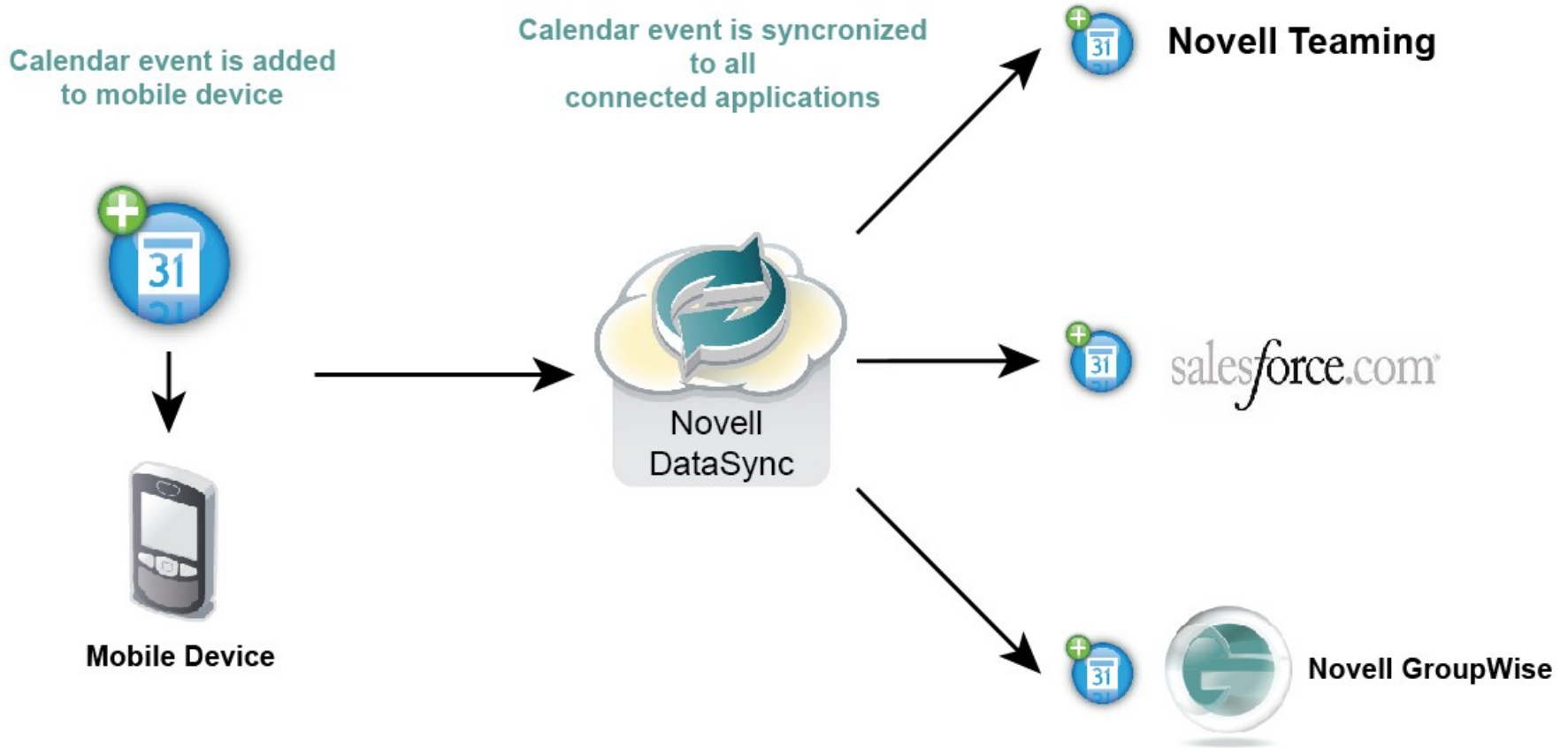


**Using Calendar Year*

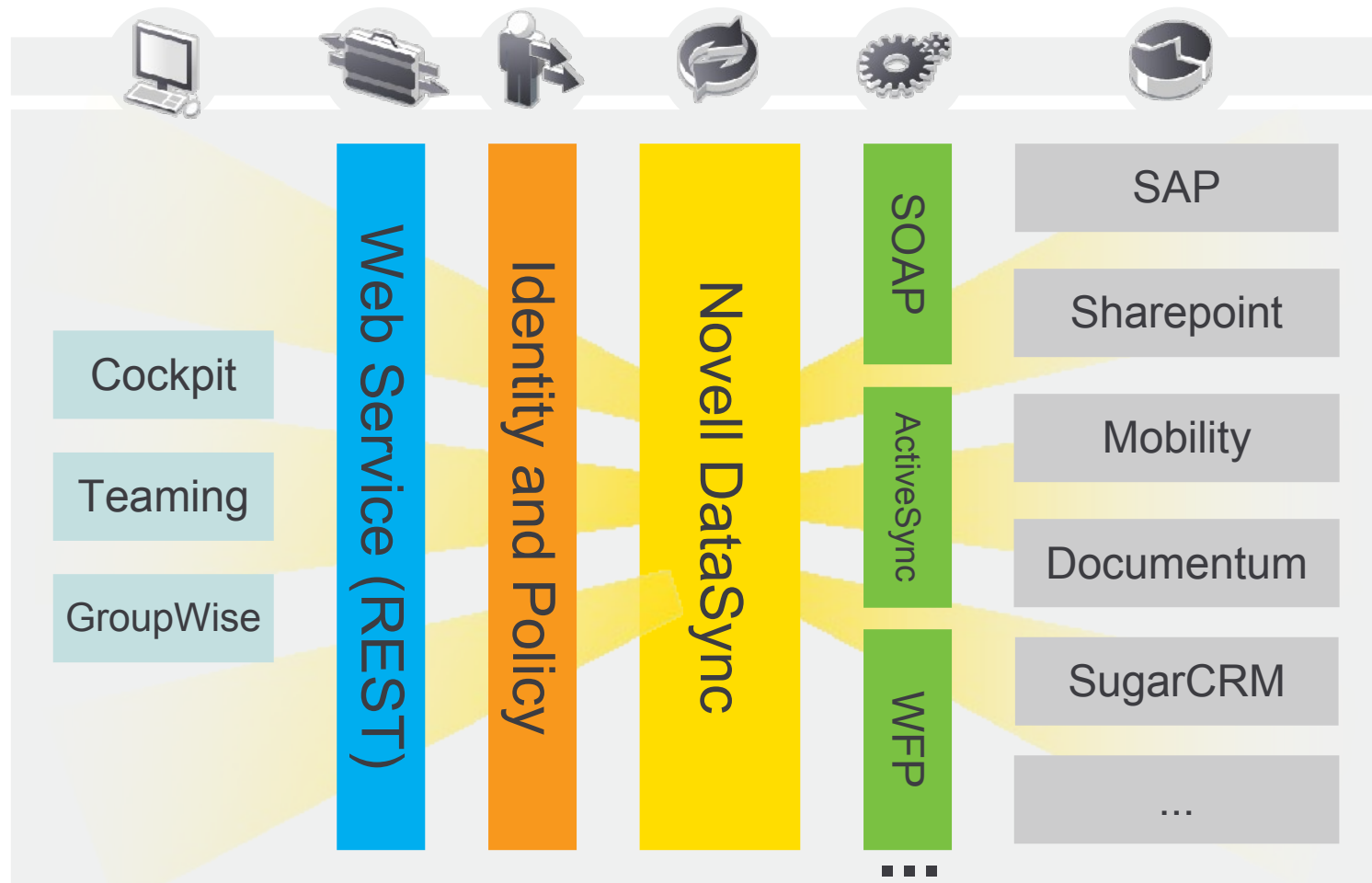
Contact Use Case



Calendar Use Case



Architecture



Mobility to Fit Your Needs



Blackberry

iPhone

Windows Mobile

Symbian

Android

Web OS

UIQ

more...

Connectors

Novell GroupWise

- E-mail
- Tasks
- Calendar
- Contacts

Novell Teaming

- Personal Tasks
- Personal Calendar
- Future*
- Teams/Group
- Contacts
- Team Content

Mobility (ActiveSync)

- E-mail
- Calendar
- Contacts



Connectors (cont.)



- Tasks
- Calendar
- Documents
- Teaming
- Teams
- Team Data



- E-mail
- Meetings
- Calls
- Tasks
- Contacts



- Events
- Tasks
- Contacts

Connectors (cont.)



- E-mail
- Tasks
- Calendar
- Contacts



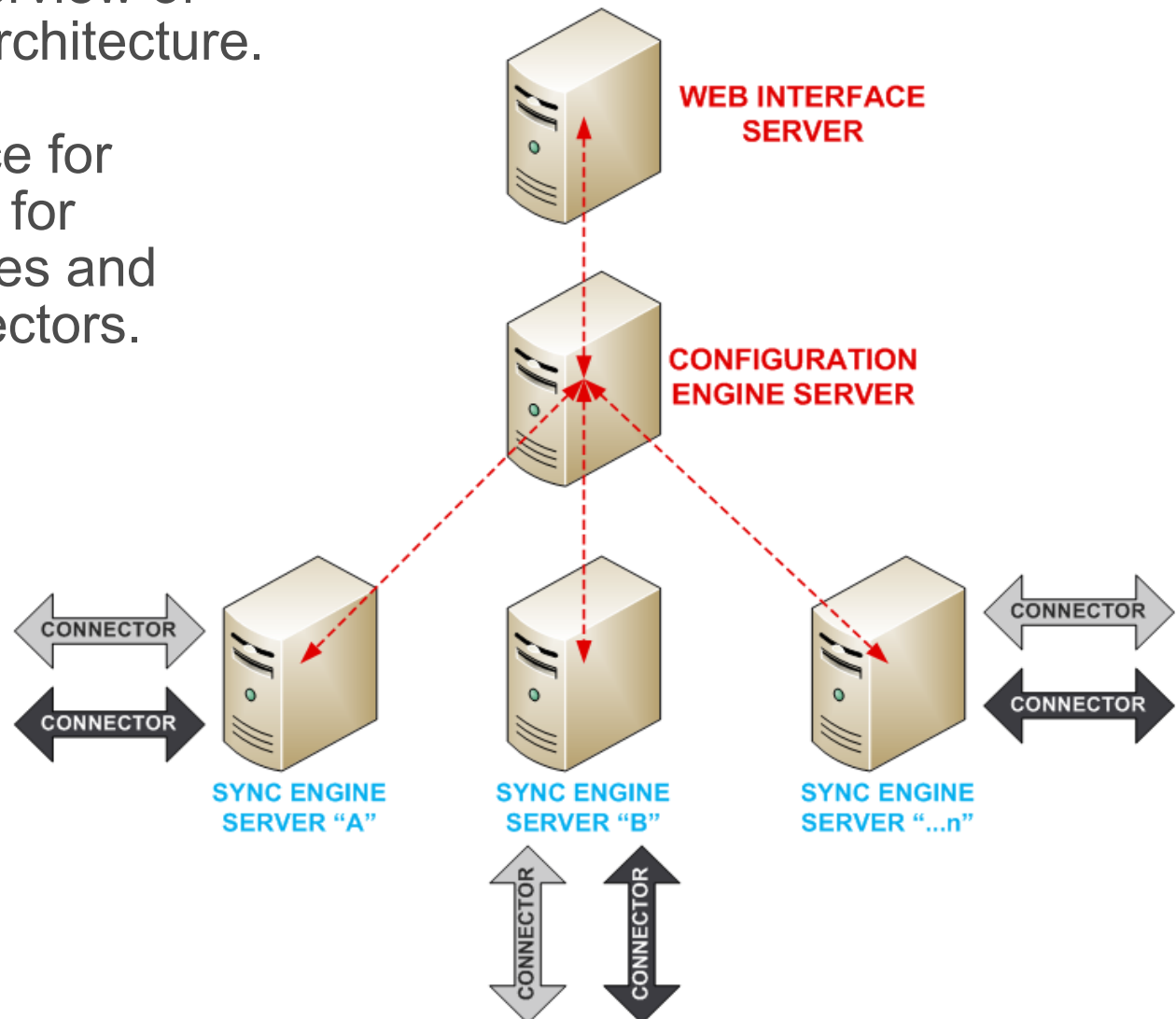
- E-mail
- Appointments
- Documents

Collaboration Architecture

Scalable Architecture

Here is an overview of the scalable architecture.

Single interface for administration for multiple engines and multiple connectors.



Web Administration



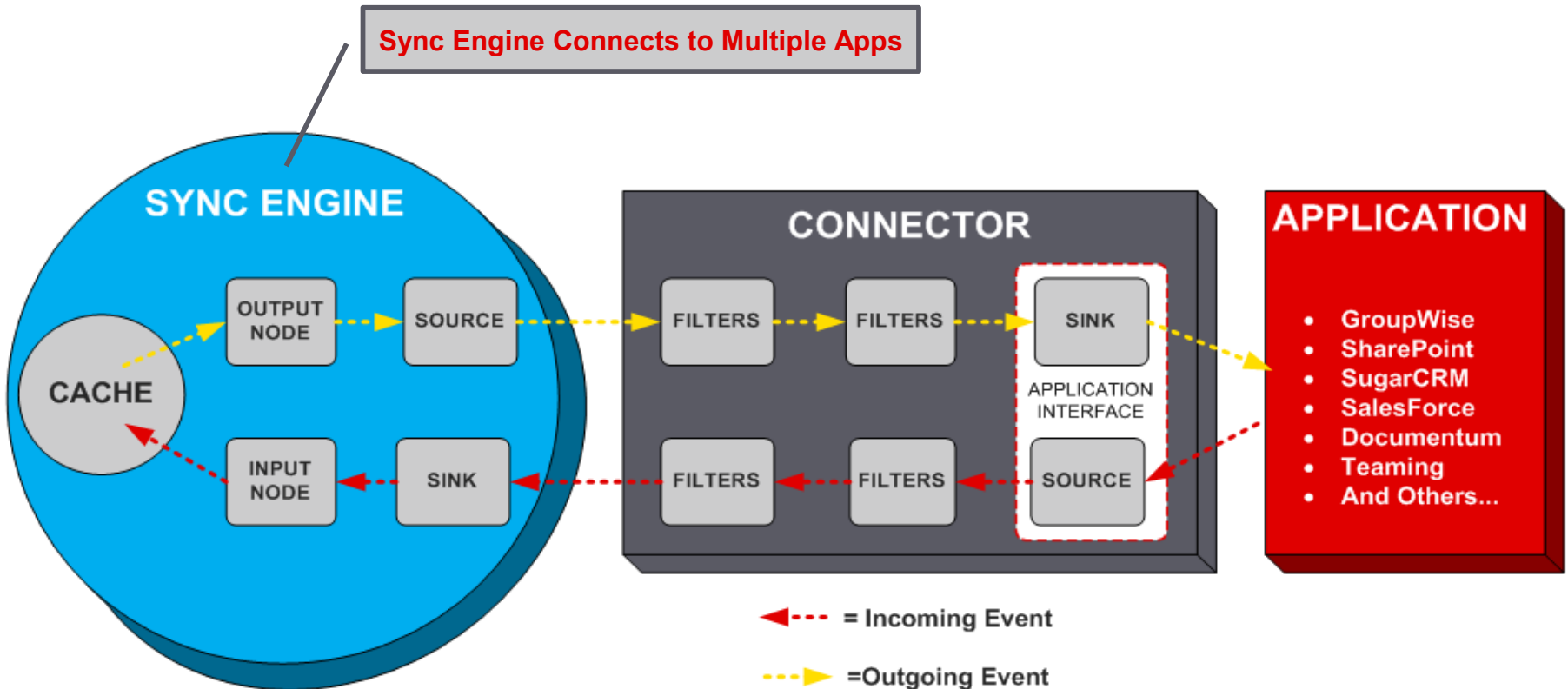
- LDAP-based authentication and user management
- Supports no LDAP scenario



- Administrators can configure users, groups, connectors, engines, and caching
- User can log in and manage their connector-specific settings

Connector Architecture Overview

Here is an overview of the connector architecture.



IDM vs. SYNC

IDM

1. Identity data
2. Fairly static data
3. Long term storage (vault)
4. Requires eDirectory to connect two systems

SYNC

1. Collaboration data
2. Transactional data
3. Data has life span (cache)
4. Does not require GroupWise to connect two systems



Main Gradenko Interface

Novell
View Global Audit | Manage Global Settings | Logged in as: tanderson

DataSync

Manage Connectors

Filter Connectors

NAME	TYPE	ENGINE	STATUS	ACTIONS
gw	Groupwise	default	Stopped	
activesync	Activesync	default	Stopped	
sharepoint	Sharepoint	default	Stopped	
sugar	Sugarcrm	default	Stopped	

[+ Add Connector](#)

Manage Engines

Filter Engines

NAME	IP ADDRESS	STATUS	ACTIONS
default	127.0.0.1	Running	

Novell DataSync Version: 1.2 (Beta) Build: r368

Gradenko Connector Config

Novell
View Global Audit | Manage Global Settings | Logged in as: tanderson ✕

DataSync

Connector Configuration: [default.pipeline1.gw](#) > Manage Settings

← Home
Manage Connector Settings
Manage Users
Manage Groups
Manage Profiles
Audit

Settings Edit XML Source

Trusted Application Name: ?

Trusted Application Key: ?

Soap Server: ?

Listening IP: ?

Listening Port: ?

Mail Domain: ?

Clear User Event Database Cache On Startup: ?

Groupwise Version: GW8.0.1

Items to Sync ? Select the items that should be made available for users to sync.

<input checked="" type="checkbox"/> Address Book	<input checked="" type="checkbox"/> Appointment	<input checked="" type="checkbox"/> Contact
<input type="checkbox"/> Group	<input checked="" type="checkbox"/> Mail	<input checked="" type="checkbox"/> Note
<input type="checkbox"/> Organization	<input type="checkbox"/> Phone Message	<input type="checkbox"/> Resource
<input checked="" type="checkbox"/> Task	<input checked="" type="checkbox"/> Folder	

[Advanced](#) ⊞

Save Custom Settings

Warning: This connector requires a restart for any changes to take effect.

Gradenko GroupWise Connector

Edit User Profile: default.pipeline1.gw

Edit XML Source

Name:

Direction Of Syncable Items

	Engine To Connector	Connector To Engine
AddressBookItem:	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Appointment:	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
CalendarItem:	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Contact:	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
DocumentRef:	<input type="checkbox"/>	<input type="checkbox"/>
Group:	<input type="checkbox"/>	<input type="checkbox"/>
Mail:	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Note:	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Organization:	<input type="checkbox"/>	<input type="checkbox"/>
PhoneMessage:	<input type="checkbox"/>	<input type="checkbox"/>
Resource:	<input type="checkbox"/>	<input type="checkbox"/>
Task:	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Folder:	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>

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