

## Salesforce - MS Dynamics NAV (Navision) Data Integration

### Simple and Powerful

"Using RapidiOnline has made it much easier to get started with the data integration. It has a user-friendly interface and you are up and running in no time.

RapidiOnline makes it so easy to replicate data to the Navision database. Nice people to work with too, they provide excellent support.

I highly recommend this application!"

*Christian Tyrrestrup, Consultant*

**RAPIDI** *ONLINE*

*Data Integration made easy*



**RapidiOnline is a Software-as-a-service that enables you to seamlessly integrate Salesforce and MS Dynamics NAV (Navision) in a simple, cost-effective and straightforward manner. With our pre-configured service you will be up-and-running in no time.**

## Data Integration



### Business Issues to solve

- The need to synchronize customers, accounts, product information between salesforce.com and ERP systems (MS Dynamics NAV).**
- The need to pass opportunities from salesforce.com to ERP systems where they are automatically created and processed.**
- The need to see sales history from ERP system in salesforce.com.**

RapidiOnline is a hosted data integration solution that easily integrates Salesforce with MS Dynamics NAV (Navision). RapidiOnline provides pre-configured standard data integration that is ready to use immediately after subscribing to our service. The configuration can easily be extended and adapted to your specific needs.

The Salesforce - MS Dynamics NAV integration at RapidiOnline is available in 3 different versions: Light, Standard and Advanced. You pay a fixed monthly fee and there are no extra costs for software maintenance and updates. You only pay as long as you use the service and you only pay for the functionality needed.

The integration solutions at RapidiOnline eliminate duplicated data entry and replicates data so that the users of each system benefit from up-to-date data. The pre-configured set-up at RapidiOnline integrates account, product and pricelist information between Salesforce and MS Dynamics NAV (Navision) – easily and securely.

### Features

#### **Rapid Implementation:**

Pre-configured with account, product and pricelist objects. Additional objects and fields can be configured.

#### **RapidiConnector:**

Unique technology that ensures fast and secure data communication between Salesforce and MS Dynamics NAV.

#### **Safe and secure:**

Direct and transaction safe data transfer without storing data outside Salesforce and MS Dynamics NAV.

#### **3 Different Versions:**

Available in Light, Standard and Advanced

# Data Integration made easy

## Benefits

### Fastest time to market:

- Rapid Implementation: Pre-configured
- Up and running in no time!
- Configuration, no coding.
- Data Integration within days instead of months

### Lowest Costs:

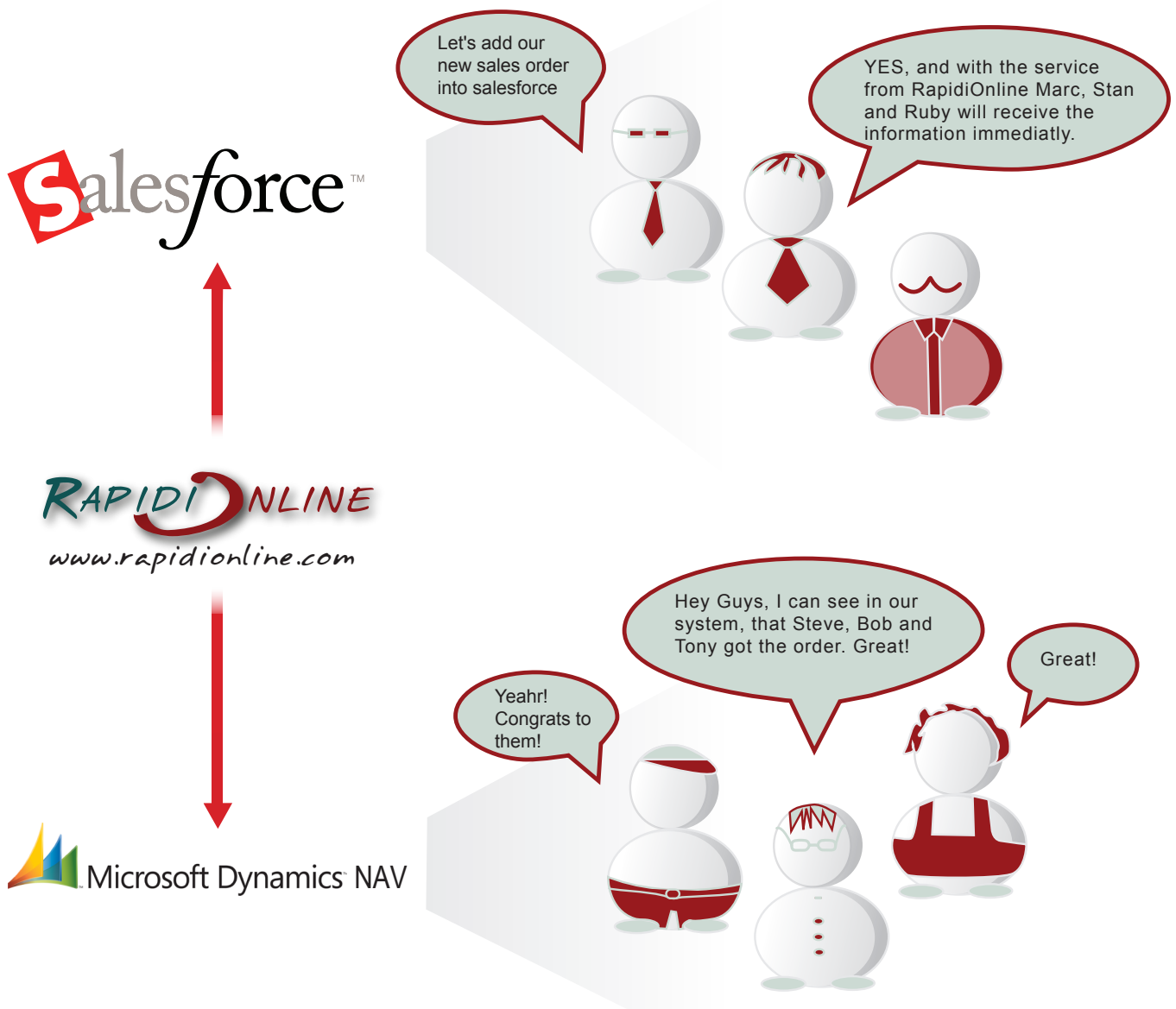
- No initial licensing costs
- Fixed monthly fee
- Fixed price for configuration
- No extra costs for software maintenance and updates
- You only pay as long as you use it
- You only pay for the functionality needed

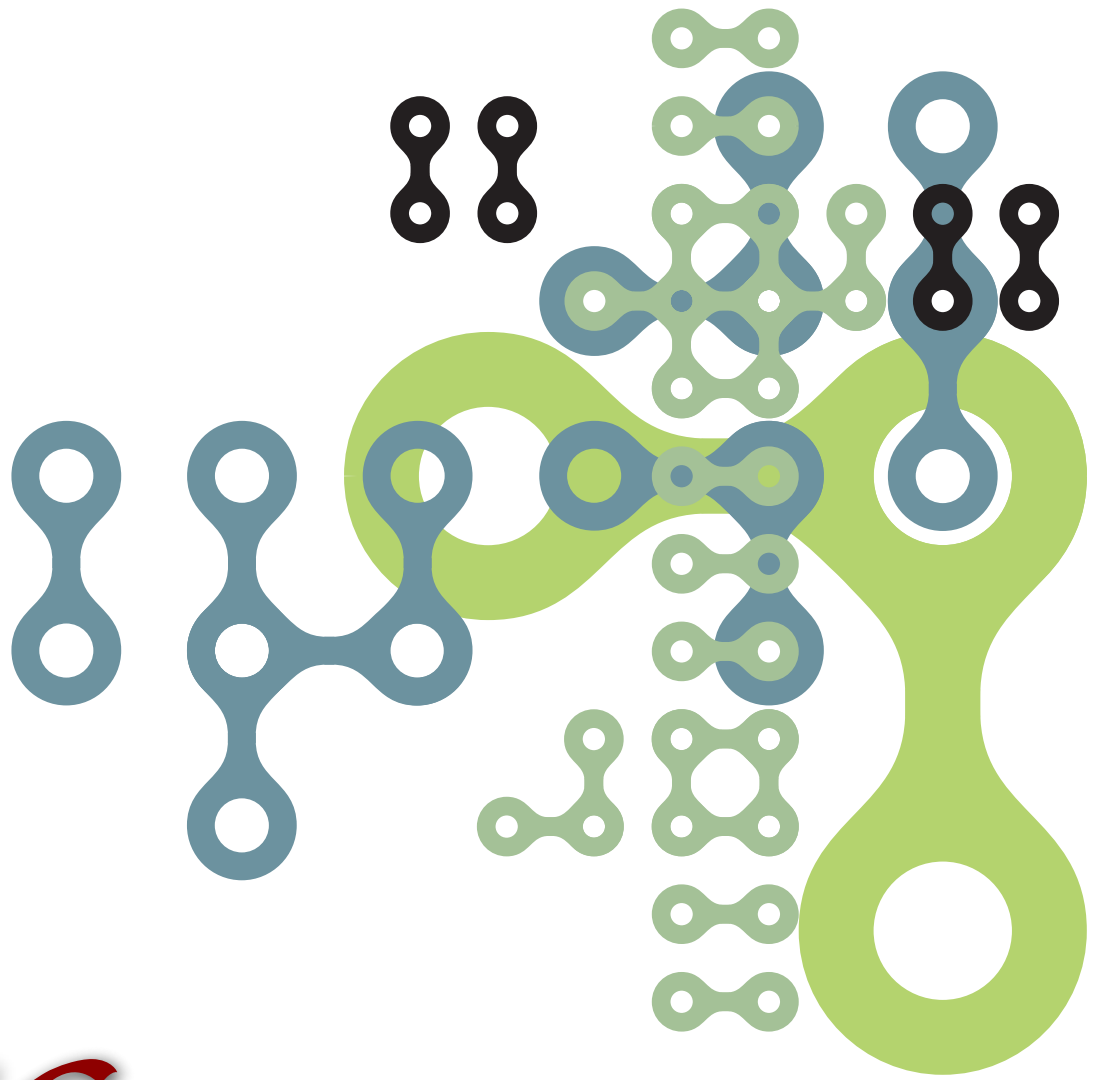
### Business Improvement:

- Always up-to-date data
- More efficient business routine
- More efficient interactions with customers
- Improved customer service
- Improved sales conversion rates
- Liberating valuable resources

### Flexible solution:

- Pre-configured integration set-up
- Easy to adapt and extend to your specific needs
- Easy to extend with custom developed objects





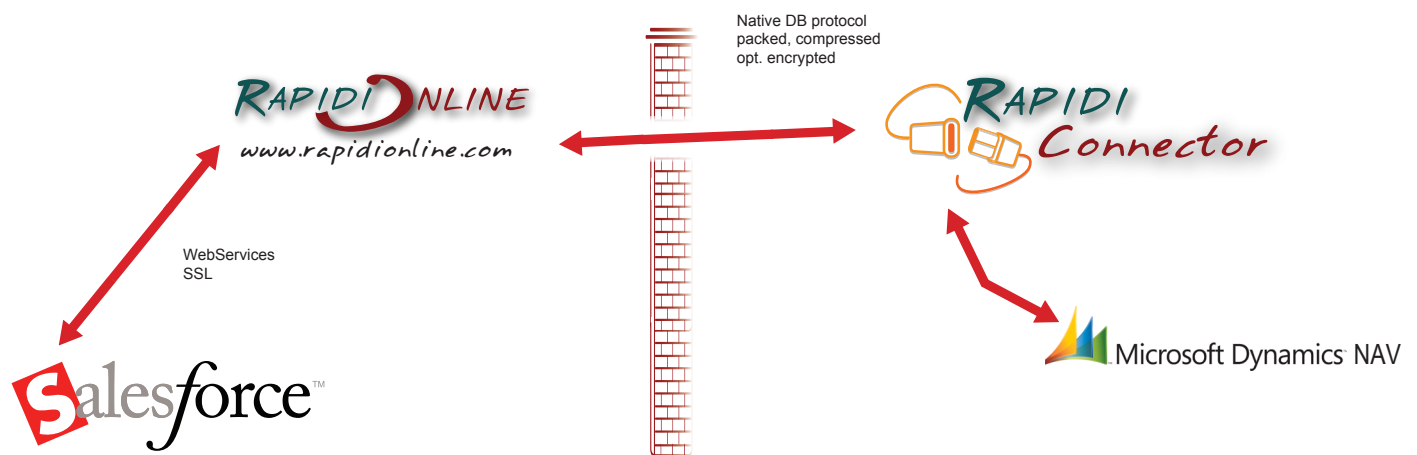
*RAPIDI* **C**ONNECTOR

# RAPIDI CONNECTOR

## The RapidiConnector: Communication... fast and secure

The RapidiOnline Services run with a unique technology called the RapidiConnector that ensures compressed and secure data transfer between RapidiOnline and the different On-Premise systems. For best efficiency and security the data is compressed and encrypted.

Our aim is to provide services that take advantage of this unique technology in order to make it easier and faster for you to get started. Our unique technology ensures that the On-Demand solution is working just as efficient as the On-Premise version.



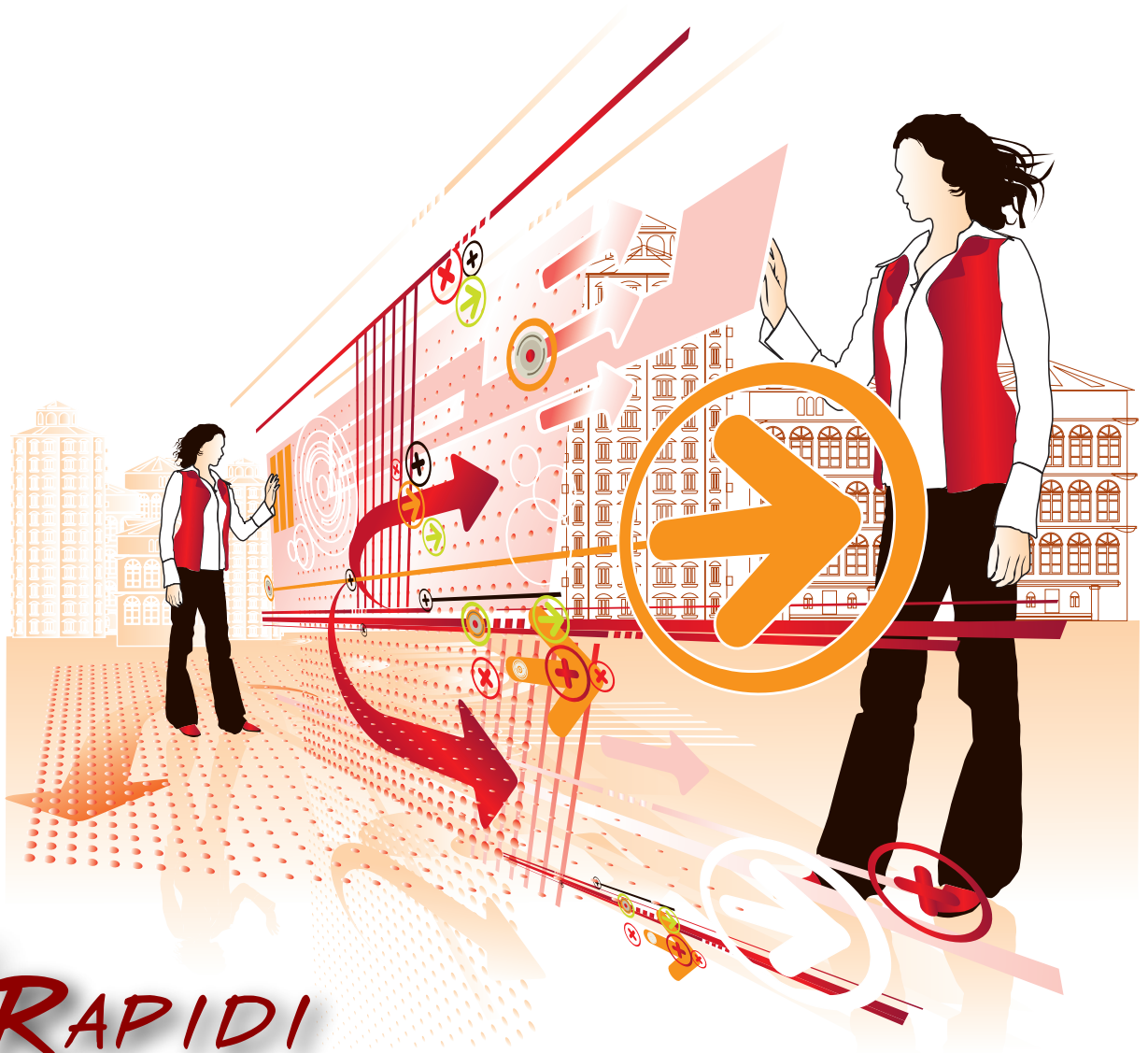
## RapidiConnector: Reduced time and bandwidth

The RapidiConnector resides in your On-Premise network connecting outbound to the central RapidiOnline Service and enables two-way communication between RapidiOnline and your On-Premise systems.

This has the advantage that you don't have to change anything in your network or firewalls in order to deploy Rapidi-Online integration. The connections from the RapidiConnector are all outbound to RapidiOnline. No inbound connections are made and no inbound ports have to be opened in your firewall. Your internal systems stay secured and protected. This makes it very easy to get started.

The communication between RapidiOnline and the RapidiConnector is using a proprietary protocol which is highly efficient in terms of reducing the total amount of data and the number of packages sent and received to an absolute minimum. The protocol first joins e.g. 50 records in 1 package thereby stripping off all Meta information, so that only the relevant data is sent. Furthermore the package is compressed before sending. This results in the most efficient data transfer. This method can reduce the amount of data needed to be sent by a factor up to 50. This means e.g. instead of sending 1000 bytes for each customer record the RapidiConnector only needs to send 20 bytes. This reduces both the time and the bandwidth needed dramatically.

Because of the proprietary protocol and the compression it is practically impossible to decipher the data transmitted. This increases the security. If extra security is needed the data can also be encrypted.



My **RAPIDI**

- *Service Configuration*

# MyRapid - Service Configuration

RapidiOnline consists of a back end user interface, where the entire data integration set-up is configured. In the following pages you will see a sample set-up to give you an idea of how RapidiOnline works.

Dashboard Configure Run Transfers Run Group Schedule Log

### Service: Salesforce-NAV

Integration between Salesforce and MS Dynamics NAV.

Trial - Expires: 24-10-2007

**Service status:**

Service running on Port: 6201 (ver 3.2.50)  
Service: SCHED01 running Scheduler - ok.

Connected RapidiConnectors:  
NAV40\_R - from IP address 192.168.190.3 (ver 3.2.38)

**Over due Schedules**

SCHEDULE	LAST RUN	NEXT TIME	INTERVAL	STATUS	LOG
ITEM1	09-03-2007 12:01	10-03-2007 08:00	10 Hours	Stopped	Log
ITEM2	09-03-2007 13:01	10-03-2007 09:00	10 Hours	Stopped	Log
CUST1	09-03-2007 13:01	10-03-2007 09:00	10 Hours	Stopped	Log
CUST2	09-03-2007 13:04	10-03-2007 09:00	10 Hours	Stopped	Log

## Dashboard

The Service Dashboard gives you an overview of the different services.

It shows e.g. the status of the service - whether it is running or not. Furthermore you can see if any schedules are overdue etc.

Dashboard Configure Run Transfers Run Group Schedule Log

MS Dynamics NAV Salesforce

### Edit MS Dynamics NAV parameters

Here you can change the parameters that describe how to connect to your local MS Dynamics NAV (Navision) server.

RapidiConnector Status: connected from IP 192.168.190.3

▼ RapidiConnector

In order for us to connect to your local database server, you need to download and install a small service, that we call the "RapidiConnector". The RapidiConnector must be configured with parameters (see below) specific to your service. When started the RapidiConnector will connect to our central service and keep that connection open. The connection will then be used to transfer data between your local databases and other systems. The RapidiConnector can run in the DMZ.

**Please follow these steps:**

1. Download RapidiConnector (use link below).
2. Install and start the RapidiConnector service manager.
3. Enter the details listed below (Port, UserID and Password) and Verify Connection
4. Start the RapidiConnector service
5. Check that the RapidiConnector is connected

[download](#)

**Please use the following parameters for the RapidiConnector:**

Port number: 6201  
UserID.....: NAV40\_R  
Password.....: abc456ab

Code: NAV40

Description \*  
MS Dynamics NAV

Driver \*  
Native database/server

Server Connect \*  
localhost

Database Path \*

Account \*  
CRONUS International Ltd.

User ID \*

## Configure

Here you find parameters to configure the setup in order to connect to the different systems: In order to be able to connect to your local MS Dynamics NAV (Navision) server you first need to download and install a small service called the RapidiConnector.

The RapidiConnector must be configured with the given parameters specific to your service. The RapidiConnector will connect to RapidiOnline's central service and keep that connection open.

The connection will then be used to transfer data between your local database and other systems.

Dashboard **Configure** Run Transfers Run Group Schedule Log

MS Dynamics NAV SalesForce

### Edit Salesforce.com Connection parameters

Here you can change the connection parameters for your Salesforce connection.

Please note that the User ID entered below must have access to all data that you want to read/write.

Code: SFORCE

Description \*  
Salesforce

User ID \*  
mb@rapidonline.com

Password *used only for testing the connection - password is not saved*  
[password field]

Use SSL \* ☒

## Configure (cont.)

Under “Configure Salesforce”, you need to put in the parameters in order to connect to salesforce.com

Dashboard **Configure** **Run Transfers** Run Group Schedule Log

### Run Transfer

Here you can view Transfers or run a Transfer manually.

1 of 1

Salesforce Password \*  
[password field]

ACTION	CODE	DESCRIPTION	SOURCE	DESTINATION	ENABLED	LOG	RTI
	SF01	Nav Item -> SForce Product2	NAV40	SFORCE	Yes	Log	RTI
	SF02	Nav Item -> SForce Std. PricebookEntry	NAV40	SFORCE	Yes	Log	RTI
	SF10	Nav Customer -> SForce Account	NAV40	SFORCE	Yes	Log	RTI
	SF11	SForce Account -> Nav. Customer Upd.	SFORCE	NAV40	Yes	Log	RTI

**Messages/output from transfer:**

Transfer SF10 started - please use the button above to get messages from the Transfer.

Transfer thread initializing.  
Starting transfer Nav Customer -> SForce Account:  
Transfer is now executing.

Nav Customer -> SForce Account Ok. (00:00:02)  
5 Records read from Source.  
0 Records Updated.  
0 Records Added.  
0 Records Deleted.  
Transfer committing.  
Transfer ending.  
Transfer finished.

## Run transfer

The “Run Transfer” tab shows a the complete list of transfers you can specifically run, edit and delete by clicking the specific icons.

When running a specific transfer the message window below the list will give you the need feedback.

ACTION	CODE	DESCRIPTION	SOURCE	DESTINATION	ENABLED	LOG	RTI
	SF01	Nav Item -> SForce Product2	NAV40	SFORCE	Yes	Log	RTI
	SF02	Nav Item -> SForce Std. PricebookEntry	NAV40	SFORCE	Yes	Log	RTI
	SF10	Nav Customer -> SForce Account	NAV40	SFORCE	Yes	Log	RTI
	SF11	SForce Account -> Nav. Customer Upd.	SFORCE	NAV40	Yes	Log	RTI

## Edit Transfer

You can run, edit and delete all transfers.

Dashboard **Configure** **Run Transfers** Run Group Schedule Log

### Edit Transfer

Code \*  
SF10

Description \*  
Nav Customer -> SForce Account

Group  
SYNC

Source \*  
NAV40

Destination \*  
SFORCE

Source Table \*  
Customer

Destination Table \*  
Account

☒ Enabled

☒ Update

☒ Add

☐ Delete

☐ Actions

☐ Move

☐ DeleteAll

☐ Auto Generate Key

☐ Disable Dest. Lookup

▶ Source Control

▶ Actions

▶ Triggers

▶ Special Setup (Lotus Notes only)

Dashboard

Configure

Run Transfers

Run Group

Schedule

Log

Transfer SF10

Nav Customer -> SForce Account

12345678910

3 of 4

back

edit

delete

SF10

new

General information

CODE	SF10	ENABLED	Yes
DESCRIPTION	Nav Customer -> SForce Account	UPDATE	Yes
GROUP	SYNC	ADD	Yes
SOURCE	NAV40	DELETE	
DESTINATION	SFORCE	ACTIONS	
SOURCE TABLE	Customer	MOVE	
DESTINATION TABLE	Account	DELETE ALL	
ALL FIELDS	No	AUTO GENERATE KEY	
		DISABLE DEST LOOKUP	

Source Control

Actions

Triggers

Special Setup (Lotus Notes only)

Table Link (key fields) - [1]

SOURCE FIELD	DESTINATION FIELD
No.	AccountNumber

Field List (mapping) - [10]

edit

SOURCE FIELD	DESTINATION FIELD
No.	AccountNumber
Name	Name
Phone No.	Phone
Fax No.	Fax
Address	BillingStreet
Post Code	BillingPostalCode
City	BillingCity
Country Code	BillingCountry
Home Page	Website
##IF(Blocked,'No','Yes')	Active__c

Sorting Source Table - [0]

Sorting Destination Table - [0]

Filters Source (delimitations) - [1]

Filters Destination (delimitations) - [0]

Default Values - [0]

Conversion (list of from-to values to convert) - [0]

Attributes Source - [0]

Attributes Destination - [0]

Scatter (one record to many records) - [0]

Gather (many records to one record) - [0]

SubTransfer - [0]

12345678910

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## Show transfer

Clicking on each single transfer you can see all the details, such as the general information, source control, table links (key fields), fieldlist (mapping) etc.

You can edit and copy an existing transfer, edit fieldlist and numerous of other information.




Dashboard | Configure | Run Transfers | **Run Group** | Schedule | Log


Manually run a Group of transfers

### Run Group of Transfers

Here you can run a Group of Transfers manually.

Salesforce Password \*

ACTION	CODE	DESCRIPTION
  	SYNC	Run all transfers

 message

**Messages/output from transfers:**

TransferGroup started - please use the button above to get messages from the TransferGroup.

Transfer thread initializing.  
Starting transfer Nav Item -> SForce Product2.  
Transfer is now executing.

1 of 1

## Run Group


The “Run Group” tab shows a the complete list of group of transfers which you can run, edit and delete by clicking the specific icons.

When running a specific transfer the message window below the list will give you the need feedback.

Dashboard | Configure | Run Transfers | Run Group | **Schedule** | Log

### Scheduler List

SCHEDULE	LAST RUN	NEXT TIME	INTERVAL	STATUS	LOG
ITEM1	09-03-2007 12:01	10-03-2007 08:00	10 Hours	Stopped	Log
ITEM2	09-03-2007 13:01	10-03-2007 09:00	10 Hours	Stopped	Log
CUST1	09-03-2007 13:01	10-03-2007 09:00	10 Hours	Stopped	Log
CUST2	09-03-2007 13:04	10-03-2007 09:00	10 Hours	Stopped	Log

 new  
Scheduler Setup (create new schedules)

1 of 1


## Schedule

The “Schedule” tab shows a complete list of schedules.

Dashboard | Configure | Run Transfers | Run Group | Schedule | **Log**

### Activity Register

DATETIME	TRANSFER	SOURCE	DESTINATION	ERROR	DESCRIPTION
14-09-2007 12:06	SF10	NAV40	SFORCE		Nav Customer -> SForce Account completed - time used 00:00:02
14-09-2007 12:06		NAV40_R			Statistics on connection NAV40_R
14-09-2007 12:06	SF11	SFORCE	NAV40		SForce Account -> Nav. Customer Upd. is initializing.
14-09-2007 12:08	SF11	SFORCE	NAV40		SForce Account -> Nav. Customer Upd. completed - time used 00:02:09
14-09-2007 12:08		NAV40_R			Statistics on connection NAV40_R

 delete all

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## Log

The “Log” tab shows the log list of each transfer.

You can click on each log to get into details.

## About RapidiOnline

RapidiOnline is a sister subsidiary to Data Backbone Software A/S. Data Backbone Software A/S has for more than a decade gained experience in developing software for data exchange and data integration. RapidiOnline take a pride in providing hosted integration in an easy and simpel way based on the technology of Data Backbone Software A/S. Our goal with RapidiOnline is to reduce this challenge to an uncomplicated and simple task. An easy set-up and user-friendly interface has been of high priority when developing this site and service. With a variety of standard setups with basic integration steps you will succeed in no time. Furthermore, the RapidiOnline service is flexible and can be customised if you have special needs. Sign Up for a trial already today!

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