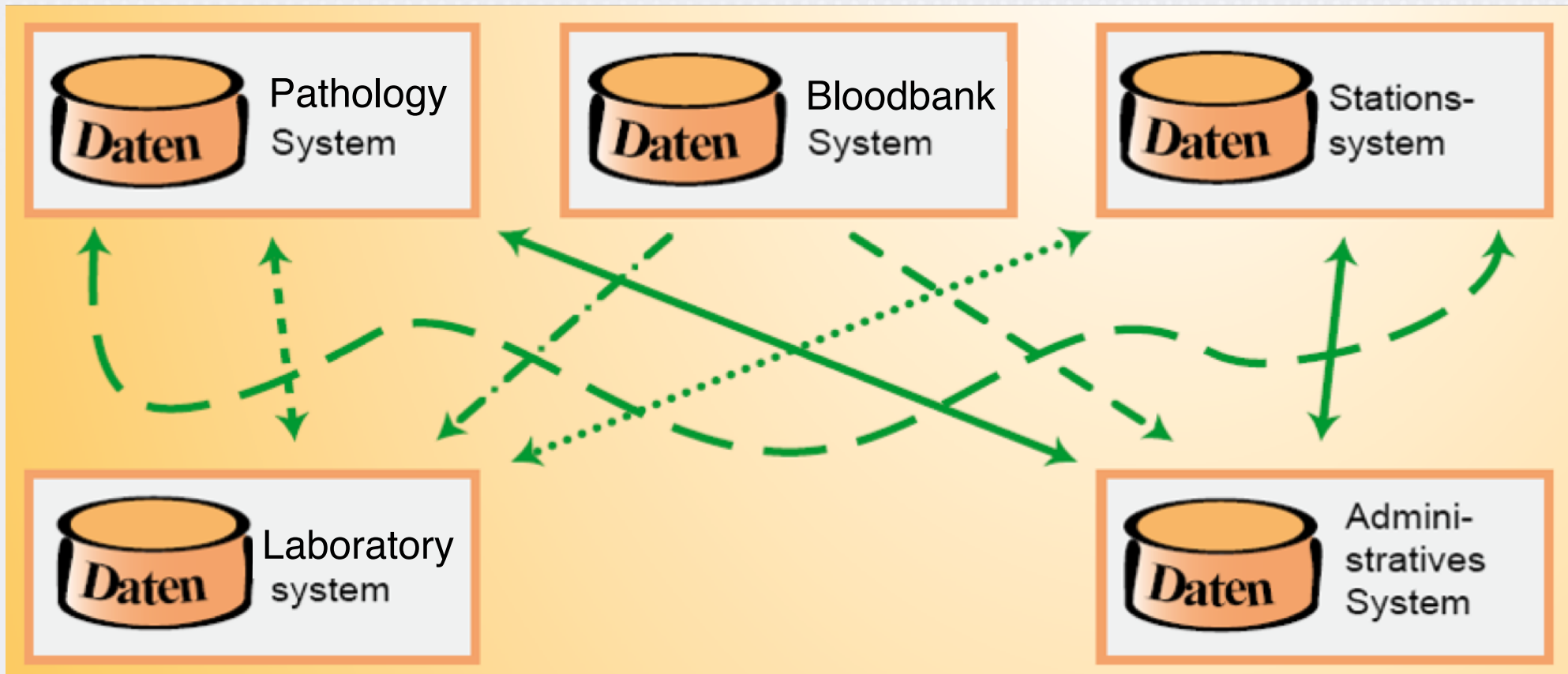


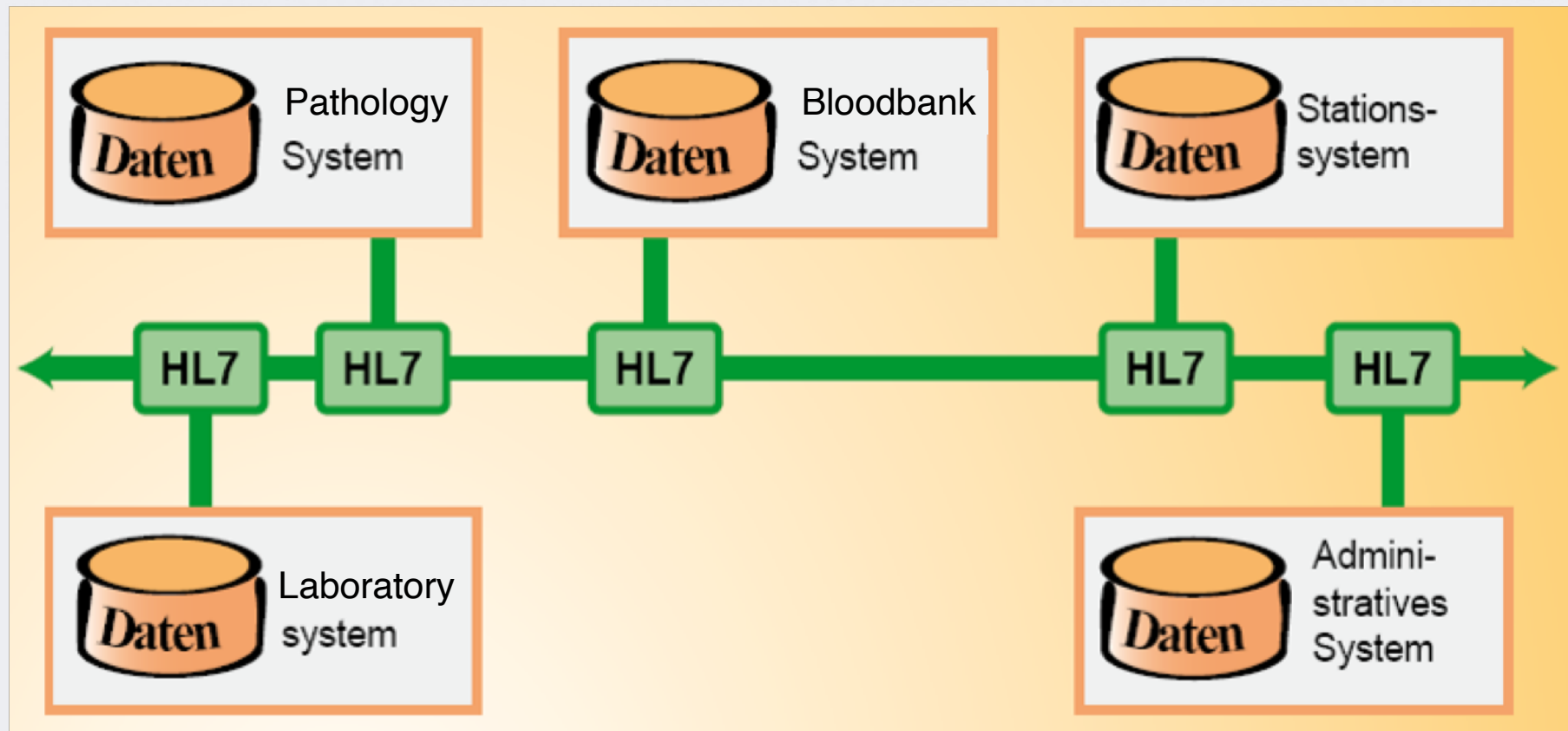
# Communication interoperability Server

*Mirth Connect (NextGen)*

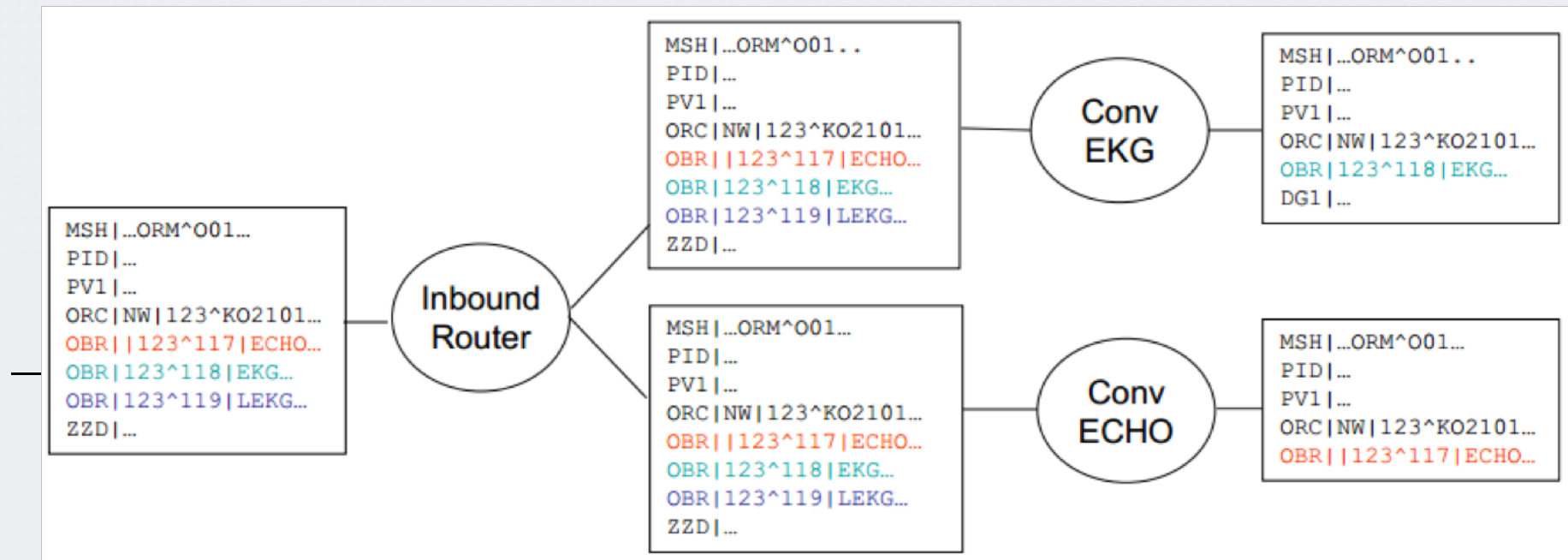
# Communication without HL7



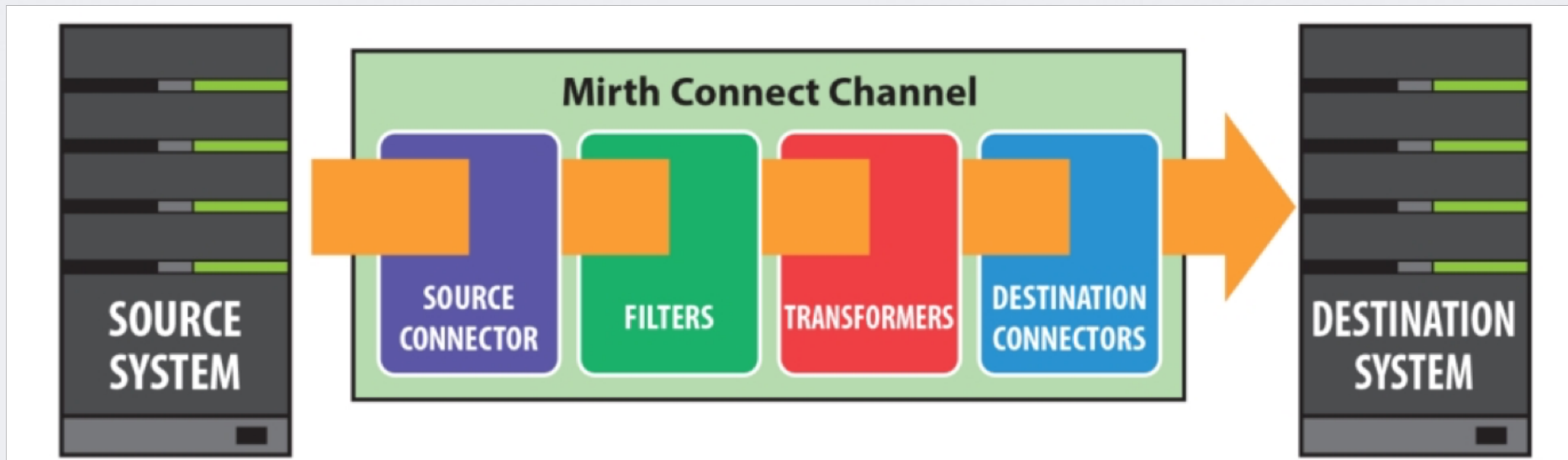
# Communication with HL7



# Communication Server



# Mirth Connect Server



# Mirth Connect: Creating a Channel

Summary | Source | Destinations | Scripts

### Channel Properties

Name:	<input type="text" value="jiveX"/>	<input checked="" type="checkbox"/> Enabled	Id: 66f7dd82-e4c5-4b5a-a114-71400f004a7f	
Data Types:	<input type="button" value="Set Data Types"/>	<input checked="" type="checkbox"/> Clear global channel map on deploy	Revision: 23	
Dependencies:	<input type="button" value="Set Dependencies"/>	Last Modified: 2015-11-26 23:39:22		
Initial State:	<input type="text" value="Started"/>			
Attachment:	<input type="text" value="DICOM"/>	<input type="button" value="Properties"/>	<input checked="" type="checkbox"/> Store Attachments	

# Mirth Connect: Specify Source

Single Edit  Bulk Edit [Expand All](#) | [Collapse All](#)

Connector	Inbound	Outbound
Source Connector	DICOM	DICOM
Destination 1	DICOM	DICOM
Destination 2	DICOM	DICOM

**Inbound Properties**  
DICOM   
This data type has no properties

**Outbound Properties**  
DICOM   
This data type has no properties

# Mirth Connect: Specify Destination(s)

Summary | Source | Destinations | Scripts

Connector Type: **DICOM Listener**

**Listener Settings**

Local Address:  All interfaces  Specific interface:

Local Port:

**Source Settings**

Source Queue: **OFF (Respond after processing)**

Response: **None**

Process Batch:  Yes  No

Batch Response:  First  Last

**DICOM Listener Settings**

Application Entity: <input type="text" value="Mirth"/>	
Max Async operations: <input type="text" value="0"/>	
Pack PDV: <input type="radio"/> Yes <input checked="" type="radio"/> No	
DIMSE-RSP interval period (s): <input type="text" value="10"/>	P-DATA-TF PDUs max length sent (KB): <input type="text" value="16"/>
A-RELEASE-RP timeout (s): <input type="text" value="5"/>	P-DATA-TF PDUs max length received (KB): <input type="text" value="16"/>
Socket Close Delay After A-ABORT (ms): <input type="text" value="50"/>	Send Socket Buffer Size (KB): <input type="text" value="0"/>
ASSOCIATE-RQ timeout (ms): <input type="text" value="5"/>	Receive Socket Buffer Size (KB): <input type="text" value="0"/>
DIMSE-RQ timeout (ms): <input type="text" value="60"/>	Transcoder Buffer Size (KB): <input type="text" value="1"/>
DIMSE-RSP delay (ms): <input type="text" value="0"/>	



# Mirth Connect: Specify Destination(s)

Summary \ Source \ Destinations \ Scripts \

Status	Destination	Id	Connector Type	Chain
<input checked="" type="radio"/> Enabled	Destination 1	1	File Writer	1
<input checked="" type="radio"/> Enabled	Destination 2	2	File Writer	1

Connector Type: **File Writer**  Wait for previous destination

Advanced Options: <None>

Directory:

smb://  /

File Name:

Anonymous:  Yes  No

Username:

Password:

Timeout (ms):

Secure Mode:  Yes  No

Passive Mode:  Yes  No

Validate Connection:  Yes  No

File Exists:  Append  Overwrite  Error

Create Temp File:  Yes  No

File Type:  Binary  Text

Encoding:

Template:

Destination Mappings

- Channel ID
- Channel Name
- Message ID
- Raw Data
- Transformed Data
- Encoded Data
- Message Source
- Message Type
- Message Version
- Date
- Formatted Date
- Timestamp
- Unique ID
- Original File Name
- Count
- XML Entity Encoder
- XML Pretty Printer
- JSON Pretty Printer
- CDATA Tag
- DICOM Message Raw Data
- dicom

# Mirth Connect: Specify Destination(s)

Summary | Source | Destinations | Scripts

Status	Destination	Id	Connector Type	Chain
<input checked="" type="radio"/> Enabled	Destination 1	1	File Writer	1
<input checked="" type="radio"/> Enabled	Destination 2	2	File Writer	1

Connector Type:   Wait for previous destination

Advanced Options: <None>

Directory:

smb://  /

File Name:

Anonymous:  Yes  No

Username:

Password:

Timeout (ms):

Secure Mode:  Yes  No

Passive Mode:  Yes  No

Validate Connection:  Yes  No

File Exists:  Append  Overwrite  Error

Create Temp File:  Yes  No

File Type:  Binary  Text

Encoding:

Template:

- Destination Mappings
- Channel ID
- Channel Name
- Message ID
- Raw Data
- Transformed Data
- Encoded Data
- Message Source
- Message Type
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- Date
- Formatted Date
- Timestamp
- Unique ID
- Original File Name
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- XML Entity Encoder
- XML Pretty Printer
- JSON Pretty Printer
- CDATA Tag
- DICOM Message Raw Data
- Destination 1
- dicom
- PatID