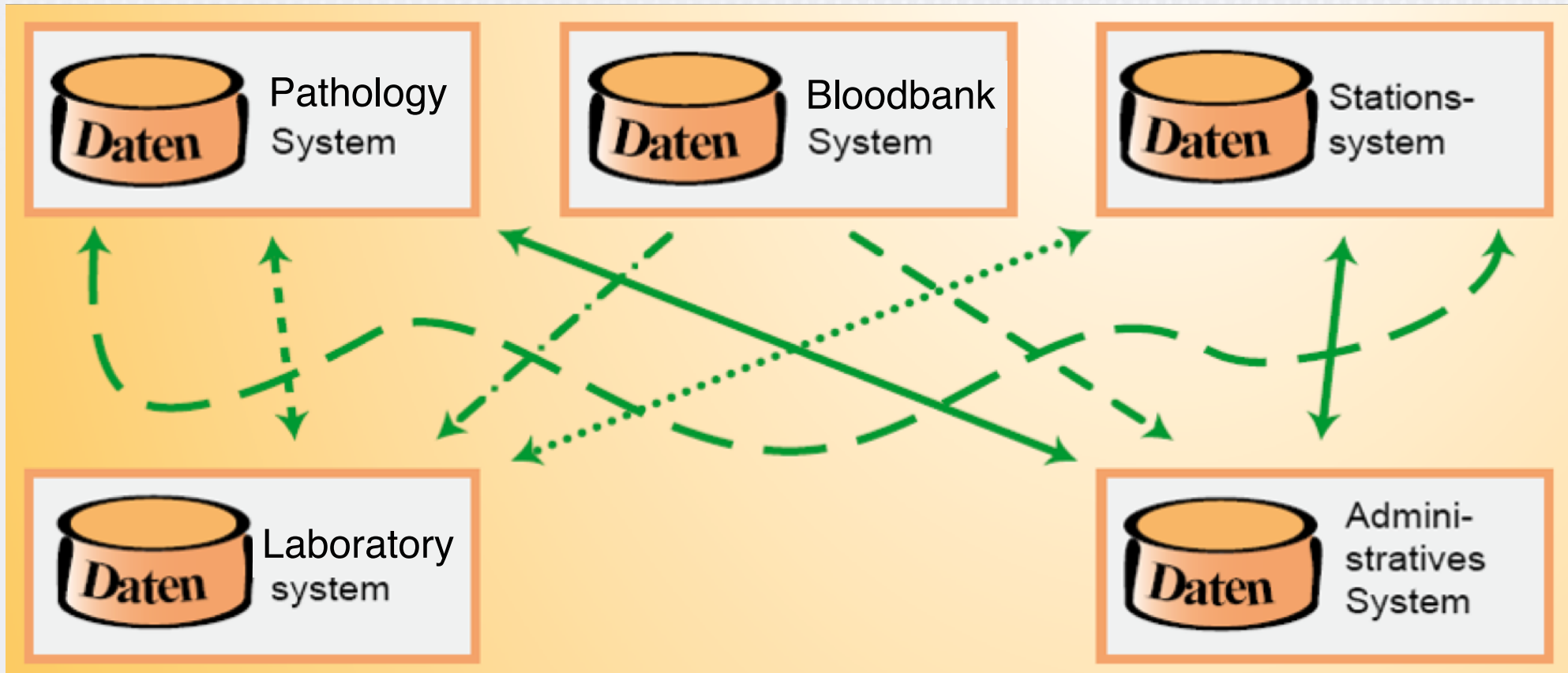


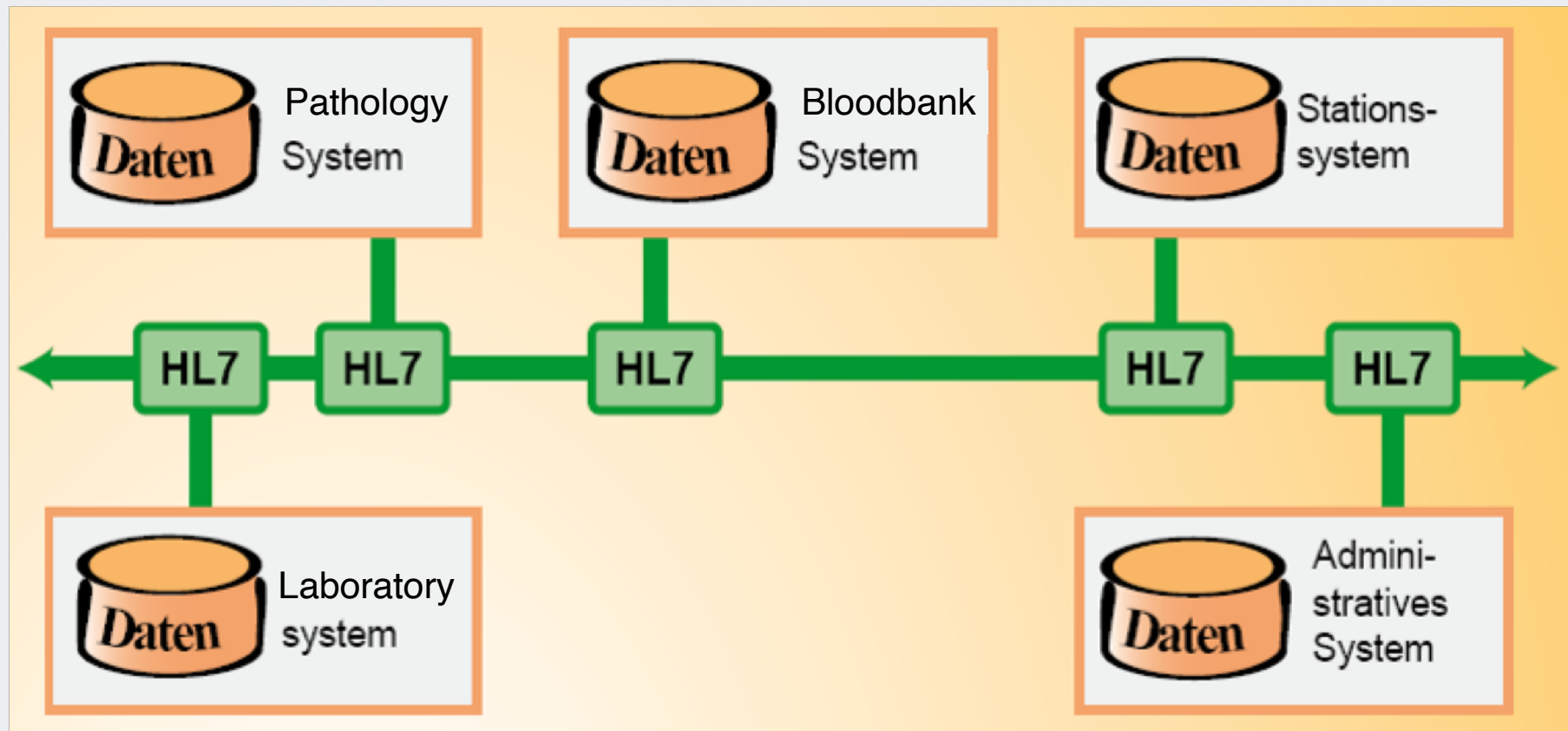
# Communication interoperability Server

*Mirth Connect (NextGen)*

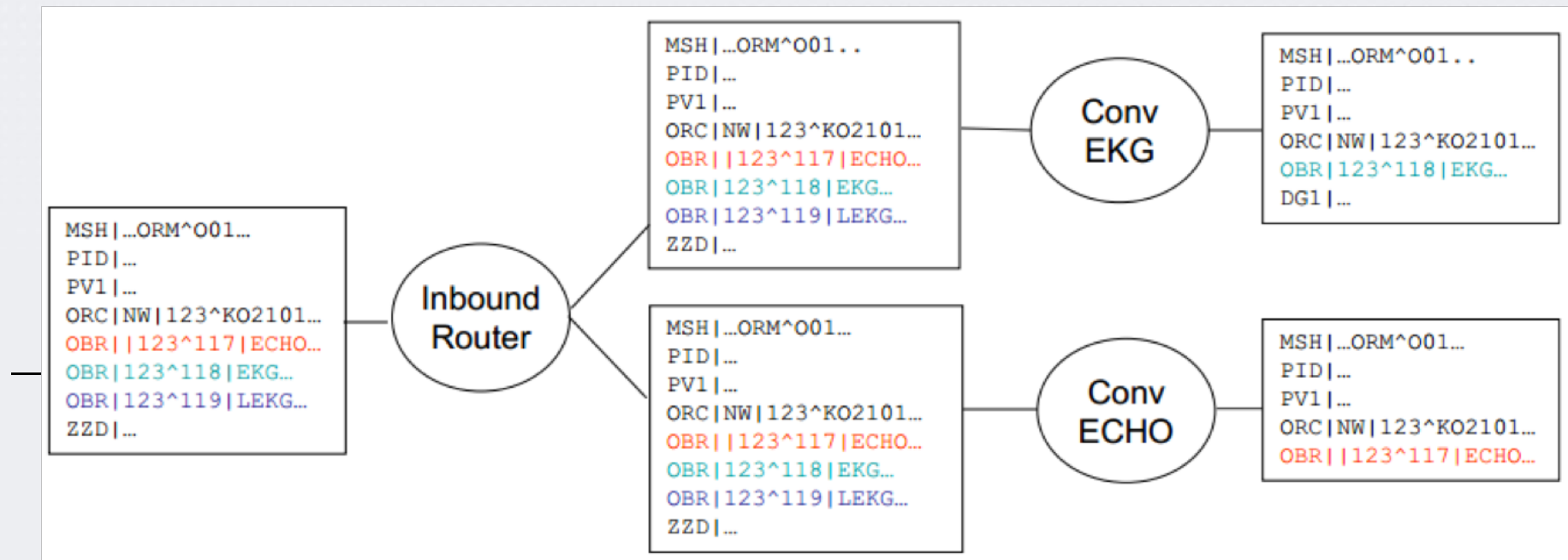
# Communication without HL7



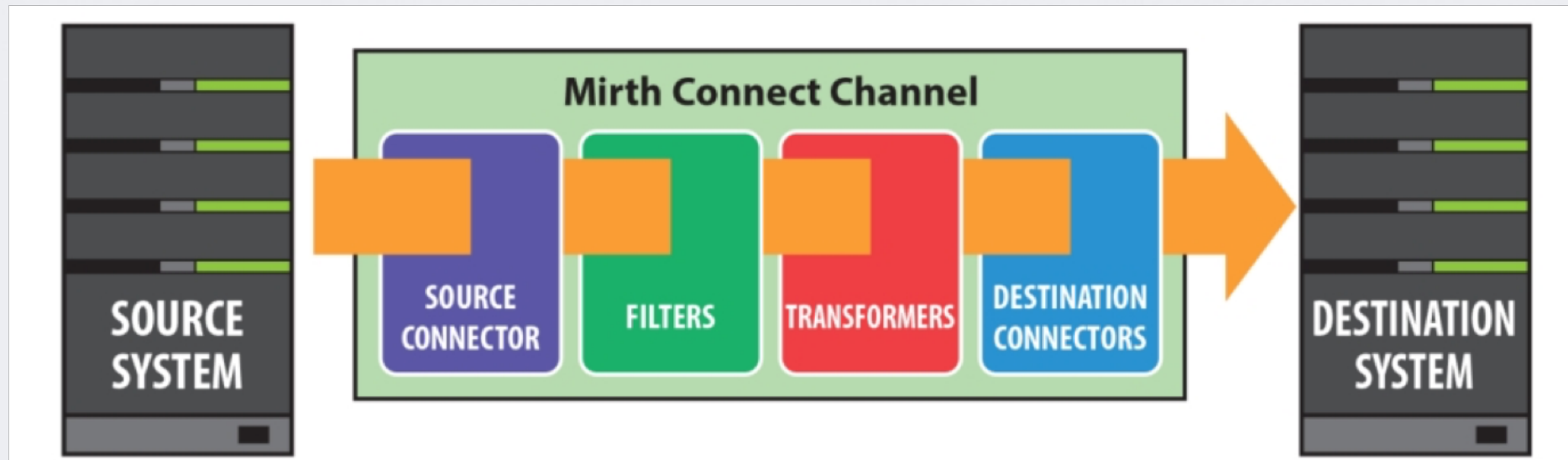
# Communication with HL7



# 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 ▼ Restore Defaults

**This data type has no properties** ▲

**Outbound Properties**

DICOM ▼ Restore Defaults

**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:

Max Async operations:

Pack PDV: ☐ Yes ☒ 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
Enabled	Destination 1	1	File Writer	1
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

50

**HiCure**

# 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: Default

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
- Destination 1
- dicom
- PatID