

# Integration Module (HL7)

**NetDelivery**  
Your Care Team Informed™

Transform Data for Better Communications

## SECURE, ACCURATE DELIVERY OF PATIENT INFORMATION

Healthcare providers require the ability to retrieve confidential patient information and distribute reports while ensuring the information remains confidential and secure. The NetDelivery report distribution solutions enable hospitals and providers to simply and securely deliver reports generated from your MEDITECH® system to those who need the information. Your users get the information they need in the format that makes it easy for them to do their jobs, helping increase the efficiency of your organization.

## PHYSICIAN OFFICE INTEGRATION

The NetDelivery Integration Module allows you to take reports generated by the MEDITECH® HCIS and reformat them into HL7 messages for easy integration into Physician's Practice EMRs. The Integration Module is fully integrated with NetDelivery and the MEDITECH faxing routines in both Magic and Client/Server.

## FEATURES AND BENEFITS

The NetDelivery Integration Module option offers additional features and benefits that ensure efficiency and security:

- Integration with physician's EMR becomes as easy as printing a report
- Recipients and destinations can be extracted from reports to increase the accuracy of who gets what report, improve security by not sending information to the wrong person, or having confidential patient information sitting on an unsecured fax machine
- Reports can be sent to multiple recipients to improve efficiency
- Outbound queues can be centrally managed to improve the management of your communications
- MPI mapping can be defined to ensure reports are associated with the correct patient file
- User defined and managed, with updates supported by Interbit Data.

### NetDelivery / Physician Office Integration

*"With NetDelivery, reports are delivered to physicians' secure hospital network folders in real-time. All they need to do is go to the secure portal connecting them to the hospital, find their network folder and click and drag their patient's file to their hard drive and their Practice Solutions EMR. Only one clerical person in the physician's office would need to logon each morning to retrieve all of the physician's patient reports and drag them to the EMR."*

Brad Smith, Clinical Applications Consultant, Cambridge Memorial Hospital, Cambridge, ON

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## PRODUCT INFORMATION

- Fully integrated with NetDelivery and runs on the NetDelivery server
- Report/Message format can be associated with one or more physicians
- Define unlimited number of reports and/or rules
- Ensures correct delivery through use of MPI alias table
- Eliminates duplicate copies to same location through group entries
- Creates audit trail through comprehensive logging
- Improved user management
- Integrated with Windows Domain Security
- Monitor and correct delivery errors through report queues

## Securing Healthcare Connections

*“The NetDelivery Integration Module has allowed Good Samaritan Hospital to provide an HL7 feed into their physician’s EMR systems. This simple solution has eliminated any need for custom interface programming from MEDITECH and utilizes standard MEDITECH Laboratory reports. In return, we have eliminated the need to send hardcopy Laboratory reports daily to the offices, eliminated delay of receiving results via normal printing/faxing process and now provide immediate access to valuable Lab data from Good Samaritan Hospital to the physicians. This solution also allows the physicians to view and compare similar results within their own EMR systems for their patients.”*

Michael Wynters, Healthcare Informatics Associates Senior Healthcare Consultant  
Good Samaritan Hospital, Puyallup, Washington

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Sample MEDITECH LAB Report
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RUN DATE: 08/02/06                                PAGE: 1
RUN TIME: 0023
INTERBIT MEDICAL CENTER LABORATORY
10 WEST CENTRAL STREET NATICK, MA 01701

CLIA # 06D0518099
LABORATORY RESULTS

Name: Patient, Test                               Age/Sex: 42/M      Location: ED
Acct#: 3245213534  Unit#: 000000000  DOB: 11/26/63  Room/Bed:
Reg: 08/01/06    Disch:                Status: DEP ER
Maiden/other Name: Patient, Test                Att Dr:  Triane,Tom M
Mother's Name: Moteher, Test
PCP: Elijah,Mary Y

SPEC #: 0801:RT00019R  LL: 08/01/06-1758  STATUS: COMP  REQ #: 02885941
RECD: 08/01/06-1815  SUMM DR: Campbell,Ted J

ENTERED: 08/01/06-1816          OTHR DR: Elijah,Rochelle Y
                                OTHR DR:
                                OTHR DR:

Test          Result          Flag  Reference
AMPH          |          Neg          |          NEGATIVE
METHAMPH     |          Neg          |          NEGATIVE
BARBS        |          Neg          |          NEGATIVE
BENZODIAZ   |          Pos          |          **  NEGATIVE
COCAINE      |          Neg          |          NEGATIVE
OPIATES     |          Neg          |          NEGATIVE
PCP SCREEN  |          Neg          |          NEGATIVE
CANNABS     |          Neg          |          NEGATIVE
TRICYCL SCR |          Neg          |          NEGATIVE

SCREEN RESULTS SHOULD BE CONSIDERED PRESUMPTIVE.
Test performed by Emergency Department Personnel on
Bio-Site Triage Analyzer.

IBDI LABORATORY  ** END OF REPORT **
    
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Sample Interbit Generated HL7 Message

MSH|^~\&|||||200611141104||GRU^R01|TIP|2.5
PID|1|000000000||Patient^Test^^|196411260001M|||||3245213534|
ORC|RE|LAB||0801:RT00019R||N|1^A^R||200608010616|||
OBR|1||AMPH^AMPH|||||200608010558|||||200608010616|||F|||
OBX|1|ST|AMPH^AMPH||Neg| |NEGATIVE|||F|||
OBR|2||METHAMPH^METHAMPH|||||200608010558|||||200608010616|||F|||
OBX|2|ST|METHAMPH^METHAMPH||Neg| |NEGATIVE|||F|||
OBR|3||BARBS^BARBS|||||200608010558|||||200608010616|||F|||
OBX|3|ST|BARBS^BARBS||Neg| |NEGATIVE|||F|||
OBR|4||BENZODIAZ^BENZODIAZ|||||200608010558|||||200608010616|||F|||
OBX|4|ST|BENZODIAZ^BENZODIAZ||Pos| |NEGATIVE||**||F|||
OBR|5||COCAINE^COCAINE|||||200608010558|||||200608010616|||F|||
OBX|5|ST|COCAINE^COCAINE||Neg| |NEGATIVE|||F|||
OBR|6||OPIATES^OPIATES|||||200608010558|||||200608010616|||F|||
OBX|6|ST|OPIATES^OPIATES||Neg| |NEGATIVE|||F|||
OBR|7||PCP SCREEN^PCP SCREEN|||||200608010558|||||200608010616|||F|||
OBX|7|ST|PCP SCREEN^PCP SCREEN||Neg| |NEGATIVE|||F|||
OBR|8||CANNABS^CANNABS|||||200608010558|||||200608010616|||F|||
OBX|8|ST|CANNABS^CANNABS||Neg| |NEGATIVE|||F|||
OBR|9||TRICYCL SCR^TRICYCL SCR|||||200608010558|||||200608010616|||F|||
OBX|9|ST|TRICYCL SCR^TRICYCL SCR||Neg| |NEGATIVE|||F|||
NTE|1|| SCREEN RESULTS SHOULD BE CONSIDERED PRESUMPTIVE.
NTE|2||
NTE|3|| Test performed by Emergency Department Personnel on Bio-Site
NTE|4|| Triage Analyzer.
    
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