

EHRDirect™ Export Reference Guide

Merlin.net™ Patient Care Network (PCN)



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Export to EHR with EHRDirect™ Export

- EHRDirect Export is a method of sending data from Merlin.net™ PCN to an electronic health record (EHR) or clinic data management system
- With EHRDirect Export, we help you to:
 - Streamline workflows and enhance device follow-up capabilities
 - Create a convenient and simplified workflow—funneling all important patient data into one location for more informed clinical decision-making
 - Integrate data into your clinic’s existing system easily, exporting data manually with the click of a mouse or automatically upon receipt of transmissions, if enabled
- Setting up export of Merlin.net PCN transmission data to your EHR involves a collaborative effort among the EHR vendor, St. Jude Medical, and your clinic’s IT department
- You can decide what data to export, including implanted cardiac device reports and PDF reports (including EGMs)

Export to EHR with EHRDirect™ Export

- The following EHR vendors and device management companies are compatible with the St. Jude Medical system:
 - NextGen™ Ambulatory EHR Healthcare
 - GEMMS™ One EHR
 - EpicCare™ Ambulatory EHR
 - GE Centricity™ EMR
 - Allscripts™ Professional EHR and Allscripts™ Enterprise EHR
- Merlin.net™ PCN is also compatible with device management solutions, such as the PACEart™ and ScottCare™ OneView systems
- Ongoing work is underway to integrate with other leading EHR systems



Export to EHR with EHRDirect™ Export

- If your clinic's EHR system is not yet fully supported by St. Jude Medical, you can still begin to streamline your workflows today using the PDF Document Manager option on Merlin.net™ PCN
 - With PDF Document Manager, as soon as a patient transmission or a programmer session record is imported into Merlin.net PCN, a PDF file with that patient's reports—including EGMs—can be placed in a folder on your clinic's PC or server; administrative personnel can then import the file into your EHR
 - This saves significant time by eliminating the need to open each patient record to download, print or scan the PDF manually
- The Merlin.net PCN Document Manager can be set up at no cost in about 15 minutes and is an excellent stepping stone toward full EHR integration
- Please contact MerlinEHR@sjm.com to get started



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Export to EHR with EHRDirect™ Export

- If the Clinical Comments feature of Merlin.net PCN is used, there is an option to include the comments with the exported data
 - To include comments, check the box next to “Include comments in export”
 - To exclude comments, make sure the box next to “Include comments in export” is **NOT** checked

The screenshot displays the Merlin.net PCN Clinic Administration interface. The top navigation bar includes 'Recent Transmissions', 'Patient List', 'Tools', and 'Clinic Administration'. The left sidebar lists various administration options, with 'Export Options' highlighted. The main content area is titled 'Export Options' and includes an 'Edit' button. Below the title, there is a heading 'Set up export of new remote and in-clinic patients' and a list of three checkboxes: 'Set up export to electronic health record (EHRDirect™)', 'Enable automatic export to EHR upon receipt of transmission', and 'Include comments in export'. The 'Include comments in export' checkbox is currently unchecked and is highlighted with a red box. At the bottom of the page, there are two fields: '* IP: 10.16.31.182' and '* Port: 9000'. A note at the bottom of the main content area advises users to coordinate with St. Jude Medical EHR setup personnel before changing these settings, providing contact information for the US and outside the US.

Recent Transmissions Patient List Tools Clinic Administration

Administration

Clinic Profile
Scheduling & Messaging
Clinic hours / holidays
DirectAlerts™ settings
ICD/ CRT-D
Pacemaker/ CRT-P
Clinic Settings
Report Settings
Export Options
Clinical Comments
Clinic Users
Clinic Locations

Export Options [Edit](#)

Here are the export paths for your EHRDirect™ and PC-based database. Please choose your settings.

Set up export of new remote and in-clinic patients

Set up export to electronic health record (EHRDirect™)
 Enable automatic export to EHR upon receipt of transmission
 Include comments in export

Please coordinate with the St Jude Medical EHR setup personnel before changing these settings at:
- US: 877-MyMerlin (877-696-3754)
- Outside of the US, please contact your local St. Jude Medical representative

* IP: 10.16.31.182 * Port: 9000

Export to EHR with EHRDirect™ Export

- Once EHRDirect Export is enabled, decide how you would like to export EHR data
 - Do you want to **MANUALLY** export the data for each transmission?
 - No further action is needed.
- Do you want EHRDirect Export to send data **AUTOMATICALLY*** upon transmission receipt?
 - Once the feature is enabled, an additional option appears on the “Export Options” screen. Check the box to enable automatic export.
 - If the checkbox is inactive in Edit mode, contact St. Jude Medical to enable the feature.

*At the current time automatic EHRDirect Export feature is not available with the Paceart™ system.

The screenshot shows a web interface for configuring EHRDirect export options. The top navigation bar includes 'Recent Transmissions', 'Patient List', 'Tools', and 'Clinic Administration'. The left sidebar lists various administration settings, with 'Export Options' highlighted. The main content area is titled 'Export Options' and includes an 'Edit' button. Below the title, there is a descriptive text: 'Here are the export paths for your EHRDirect™ and PC-based database. Please choose your settings.' A section titled 'Set up export of new remote and in-clinic patients' contains three checkboxes: 'Set up export to electronic health record (EHRDirect™)' (checked), 'Enable automatic export to EHR upon receipt of transmission' (checked and highlighted with a red box), and 'Include comments in export' (unchecked). At the bottom, there is a warning to coordinate with St. Jude Medical EHR setup personnel, followed by contact information for the US and outside the US. The footer shows the IP address '10.16.31.182' and the port '9000'.

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Export to EHR with EHRDirect™ Export

- When the **Automatic EHRDirect™ Export** feature* is enabled:
 - Merlin.net™ PCN sends data to the patient's EHR automatically; no user action is needed
 - Automatic export is triggered when Merlin.net PCN first displays the transmission on the "Recent Transmissions" page
- At any time, a clinician can choose to manually export/re-export transmissions to the clinic's EHR
- This feature supports PDF Document Manager

*At the current time automatic EHRDirect Export feature is not available with the Paceart™ system.

Export to EHR with EHRDirect™ Export

- **To manually export** to an EHR (once enabled):
 1. On the Recent Transmissions page, select the transmission to be exported
 2. Select Export Transmission under the More Actions menu

Recent Transmissions Patient List Tools Clinic Administration

Clinic Patients All Search by Name, ID, Device, etc. Q Archive Print More Actions

Patient	Transmission	Schedule	Device	DirectAlerts™	Alerts List
Miller (VT/VF Shock), Mr.	07-30-2012,04:50 AM Alert initiated	10-22-2012 84 days	Current™ VR RF, 1207-36 : 60401		High voltage therapy delivered
Kaminsky (SVT Episodes), Mr.	07-29-2012,06:00 AM Scheduled	08-31-2012 33 days	Current™ VR RF, 1207-36 : 60431		Episodes with Alert Conditions: 18 Episodes with Alerts
Childs (Shock), Mr.	07-28-2012,10:39 PM Alert initiated	03-28-2014 608 days	Promote™ RF, 3207-36 : 60311		Note highlighted for your attention
Harris (VT), Mrs.	07-28-2012,06:40 AM Alert initiated	10-16-2012 80 days	Fortify™ DR, 2231-40 : 60274		Successful ATP Therapy Delivered

Selected Rows

- Mark as unviewed
- Export Transmission**
- Send a DirectCall™
- Copy transmission to disk

Full List

- Print
- Download Spreadsheet
- Add or Remove Columns

Export to EHR with EHRDirect™ Export

- To complete the **manual export**:
 3. Confirm the selected patient transmission displayed in the top section of the screen
 4. Select EHRDirect under export type to export to an EHR
 5. Select Export

The screenshot shows the St. Jude Medical Merlin.net interface. A dialog box titled "Export to EHR" is open, displaying the following information:

You are about to export 1 transmission(s). Please select the export type.

Patient Name	Transmission date/time
Bennett, Tony	12-20-2011, 01:45 PM

Export type

- EHRDirect™
- PC Database
- Transmission Data

Buttons: Cancel, Export

Background interface elements include: ST. JUDE MEDICAL logo, Signed in as D User, Merlin.net™, Recent Transmissions, Patient List, Tools, All Transmissions, Search by Name, ID, D, Patient, Transmissi, Bennett, Tony, 12-20-2011, Patient ini, and detected non-sustained RV lead noise): 1.

Export to EHR with EHRDirect™ Export

- Transmission is queued for export
 - Message is an indication that Merlin.net™ PCN has successfully sent the transmission to the EHR exporting service
- The system sends a notice if the export fails



Export to EHR with EHRDirect™ Export

- Example: EHRDirect Export upload

The screenshot displays the OneView CRM v.3.6 interface. The window title is "oneview - OneView CRM v.3.6". The header features the SCOTTCARE logo and "OneView CRM".

Left Navigation Panel:

- ILR Lead
- Pacemaker ICD
- Schedules Queries
- Transmitters
- Patients Physicians
- Patient List Options
 - 1073, unityfile3
 - 1073, unityfile4
 - 1073, Unityfile6
 - 321536, 9906
 - Altrinham, Thomas
 - Asher, 8000483
 - Atheter, Emma
 - Bill, Gill
 - Chang, Pam
 - Demo, St Jude Medical
 - Demo3221, St Jude Medic
 - Donnie, Yen
 - Gnaji, Alexandra
- Patient Event Recorded
 - EKG Events (Received 0)
 - ICD Remote (1)
 - NewSession
 - 2011-02-14
 - ICD Programmer
 - Implant

Main Content Area:

Device Information:

- Device: ICD
- Name: [Empty]
- Model No: 2211-36
- Manufacturer: St. Jude Medical
- Serial No: 5639
- Implant Date: 2010-01-01
- Implant Physician: N/A
- Followup Physician: [Empty]
- Interrogation Date: 2011-02-14 13:05:58
- Followup Location: RemotePatientInitiated
- Reason Interrogated: [Empty]

Patient Characteristics:

- Atrial Indication: [Dropdown]
- AV Node Indication: [Dropdown]
- Ventricular Indication: [Dropdown]
- Patient Substrate: [Dropdown]
- NYHA CHF Class: [Dropdown]
- EF (%): [Input] By: [Dropdown]
- Implant DFT (J or V): [Input]
- Presenting Rhythm: [Dropdown]
- Pacemaker Dependant: [Dropdown]

Device Physical Exam: [Empty]

Warnings and Advisories: [Empty]

Session Comments: [Empty]

Leads Table:

Type	Manufacturer	Model	SerialNum	Location	Polarity	Status	Alert	Comments
[Empty]								

Bottom Navigation:

- Device
- Brady / Tachy
- Measurements
- Diagnostics
- Episodes [12]
- Saved Reports [28]
- History [1]
- Sign Off/Reports

Bottom Action Buttons:

- Copy Previous
- Attach PDF
- Save Session
- Reports
- View Patient Info.
- Settings
- Export

Export to EHR with EHRDirect™ Export

- **For assistance with:**

- Patient/Clinic setup questions
- Website questions
- Patient transmission difficulties

- **Phone:**

- US: 1-877-696-3754 (1-877-MyMerlin)
- ID: Please contact your local rep or call (+46) 8 474-4756

- **E-mail:**

- US: MyMerlin@sjm.com
- ID: remote.monitoring@sjm.com
- Merlinehr@sjm.com