The Merlin™ 2 Patient Care System (PCS) Programmer is compatible with current Abbott devices and was designed with the familiar user-friendly navigation of its predecessor, the Merlin™ PCS 3650 Programmer. The hardware has been modernized with a rapid data processor and a super-responsive touch screen, making it quick and easy to use. Abbott puts every effort into developing innovative products to address the global healthcare needs of today and the future; this includes the safety of our patients and the security of their data. The future is now, and the new Merlin™ 2 PCS Programmer has arrived.
This quick start guide provides step-by-step instructions on how to program your custom data retention schedules. After following these instructions, you will have an understanding of the features of the Merlin™ 2 PCS Programmer and the workflow required for success.

To avoid inadvertent loss of data, it is STRONGLY RECOMMENDED TO SET YOUR DATA SECURITY PREFERENCES PRIOR TO THE FIRST DEVICE INTERROGATION.
54% Weight Reduction, with a smaller footprint

Integrated Bluetooth® Wireless Technology

Improved Screen Resolution

Modern and Versatile Work Space

Faster Processing

Enhanced Cybersecurity

Software Error Detection

Integrated Bluetooth® Wireless Technology

Tamper Detection Alert

HDMI and Display Port Outputs

Abbott is committed to building life-changing technologies and providing state of the art cybersecurity of patient health information. The new features of zero retention settings and the 6-digit PIN encryption can be utilized when maximum data security is desired.

Consult with your hospital or clinic policy, your healthcare professional and the Instructions for Use* guide when programming these security features.

*The Instructions for Use guide may be found at medical.abbott/manuals.
1

Turn the programmer on and select **Tools**.

Select **Preferences**.

2

Program your date and time settings.

Select **Patient Data**.
Choose your Session Record Retention Options schedule.

**OPTION 1**
The radio button next to the Retain session record data up to option allows you to choose retention periods between 7 days and 2 years, much like the Merlin™ PCS 3650 Programmer.

**OPTION 2**
The Do not retain session record data option disables the programmer’s ability to save ANY history of session records upon completion of the device interrogation. This is the nominal setting.

*Note: There will be no record of the interrogation aside from any externally printed data or PDFs saved during the interrogation.*
Choose your PDF Retention Options schedule.

**OPTION 1**
Retain PDF data up to 7 days stores saved PDFs for up to 7 days.

**OPTION 2**
The Do not retain PDF data option is an added security feature and will retain zero PDF history upon completion of the device interrogation. This is the nominal setting.
Choose your **Data Export Options**.

**OPTION 1**
The Merlin™ 2 PCS Programmer has a new feature to help protect patient health information and keep it confidential. This feature offers the ability to password protect all patient health information data with a 6-digit PIN encryption. When enabled, the 6-digit PIN is applied to exported data containing viewable patient health information, including printed reports and programmer screenshots. The 6-digit PIN will be required later when the user tries to open the files on their PC.

*Note:* Because the PIN is assigned by the user, if forgotten, Abbott cannot unlock or access the data through any method. (The data will have to be regenerated either by re-interrogating the device or submitting a Merlin.net™ Patient Care Network (PCN)-compatible session record to Technical Services.*) This is the nominal setting.

**OPTION 2**
To disable PIN encryption, simply call Technical Services** for guidance on how to turn this feature off. This one-time process will be applicable for all future exports. For additional assistance, call Technical Services.**
1. Connect the printer’s USB cable to any of the six USB ports on the Merlin™ 2 PCS Programmer.
2. Turn on both the printer and the Merlin™ 2 PCS Programmer.
3. On the Merlin™ 2 PCS Programmer screen, select the Tools button.
4. From the drop-down menu, select the Preferences button and then select the Printer tab.
5. Under Selected Printer, select the External & PDF button.
6. Close the window and begin the device session.
VIEWING SESSION RECORDS

To meet the highest security standards, session records can be viewed two ways.

**OPTION 1**
Export the session record as a Merlin.net™ PCN file and upload it into your Merlin.net™ PCN portal.

**OPTION 2**
Send the file to Technical Services. **In return, you will receive a PDF of the session record by email.**

SWITCHING TO INDUCTIVE

The new **Switch to Inductive** button on the programmer screen allows users to switch from Bluetooth® wireless technology to inductive for the remainder of the session. This is accessed by pressing the **Bluetooth** icon. Under Telemetry Settings, select the Switch to Inductive button and then select the Continue button.

**Note:** This only applies to devices with both Bluetooth® wireless technology and inductive functionality. If the interrogation is switched to inductive only, switching back to Bluetooth® wireless technology requires a new interrogation.
The next-generation Merlin™ 2 PCS Programmer is an enhancement to your user experience with easy, intuitive navigation and improved processing speeds for fast, reliable and secure performance. A proprietary suite of data-protection features is designed according to state-of-the-art security design principles for cardiac rhythm management.

REMINDERS

- To avoid inadvertent loss of data, it is strongly recommended to set your data security preferences prior to the first device interrogation.

- Choosing your retention schedules is an important component to the safety and management of your patient data.

- Consult with your hospital or clinic policy, your healthcare professional and the Instructions for Use* guide when programming these security features.
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Rx Only

Brief Summary: Prior to using these devices, please review the Instructions for Use for a complete listing of indications, contraindications, warnings, precautions, potential adverse events and directions for use.

Indications: The Merlin™ 2 Patient Care System (PCS) (Merlin™ 2 PCS Programmer Model MER3700 and Merlin™ 2 PCS Software Model MER3400) is indicated for use for patients with bradyarrhythmias, tachyarrhythmias or heart failure undergoing implantation, lead revision, explant or device follow-up of a cardiac monitor, pacemaker, implantable cardioverter defibrillator or cardiac resynchronization therapy system.

Intended Use: The Merlin™ 2 PCS (Merlin™ 2 PCS Programmer Model MER3700 and Merlin™ 2 PCS Programmer Software Model MER3400) is a portable, dedicated programming system designed to interrogate, program, display data from and test Abbott Medical implantable medical devices during implant and follow-up.

The Telemetry Wand Model 3630W is intended to provide inductive communication between the programmer and the implantable medical device during a programmer session.

The Merlin™ 2 PCS electrocardiogram (ECG) function when using the ECG cable Models 3617, 3626 and EX300t is only intended to support activities related to implanting, programming and monitoring Abbott Medical implantable medical devices.

The Merlin™ Antenna Model 3638 is a dedicated radio antenna accessory intended to enable wireless radiofrequency (RF) communication between the Merlin™ 2 PCS and Abbott Medical implantable medical devices.

The Merlin™ Pacing System Analyzer (PSA) Model EX3100 is a pacing system analyzer intended for use with the Merlin™ 2 PCS to evaluate Abbott Medical implanted leads for integrity, and for pacing and sensing performance during surgical procedures related to the implanted system. Refer to the Merlin™ PSA Help Manual for additional details.

Contraindications: There are no contraindications to the use of the Merlin™ 2 PCS (Merlin™ 2 PCS Programmer Model MER3700 and Merlin™ 2 PCS Software Model MER3400) to interrogate, program, display data from and test implantable medical devices during implant and follow-up.

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