



ConnectStudio™

Connectivity Management Software

Enhance your safety with connectivity



ADVANTAGES

- Supports efficient pairing of new DMC 3000™ Bluetooth Module and MirionWatch™ device
- Enables easy connection to Mirion WRM Network for long-range telemetry
- Facilitates wireless, short-range supervision

FEATURES

- Simplified pairing management
- Operational telemetry supervision at a glance
- Data transmission to Mirion WRM network

DESCRIPTION

ConnectStudio software helps strengthen exposure monitoring and supervision by enabling connectivity of the new DMC 3000 dosimeter with Bluetooth module, MirionWatch device, and the related ecosystem.

With ConnectStudio software, users can supervise paired dosimeters within a short-range telemetry network. An intuitive operational display supports local action based on telemetry feedback. In addition, ConnectStudio software can serve as a gateway to Mirion WRM network for a remote supervision through AWM radio.

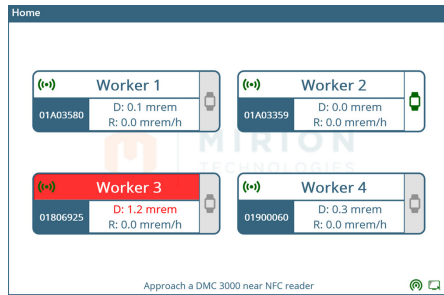
RELATED PRODUCTS

- DMC 3000 with Bluetooth cover module
- MirionWatch device
- Mirion AWM™ Adaptive Wireless Monitor
- Mirion WRM Network
- Mirion telemetry supervision software

FUNCTIONALITY

To simplify the pairing and connection with Mirion connected objects

ConnectStudio software allows for an easy pairing with the NFC reader, and to the DMC 3000 Bluetooth module and Mirion Bluetooth products. The software manages the connections, and reconnections automatically in case of a lost signal.



Gateway between Bluetooth connection and Mirion WRM network

ConnectStudio software provides a bridge to the legacy Mirion WRM system (remote supervision) through the AWM connection.

RECOMMENDED HW CONFIGURATION

- Windows 10 version 1809 minimum
- Android version 12
- 10" display
- 8 Go RAM
- BLE 4.2

RECOMMENDED MATERIAL

The maximum number of simultaneously connected dosimeters to ConnectStudio software can vary from six to more than 15 depending on the tablet limitations.

Standard Tablet: HP Pro x2, Hp Elite X2, Microsoft Surface Pro 7

Rugged Tablet: RuggON Rextorm PX501; Getac UX10

NFC Reader:

- Any NFC reader configurable as a smartcard reader
- ACS ACR122U; ACS ACR1252U

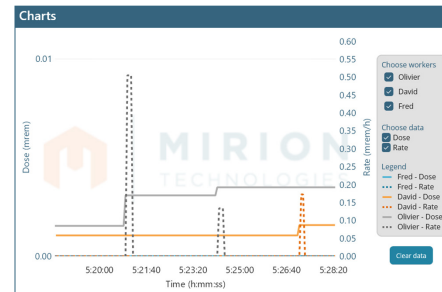
Port cable to AWM connection: Recommended converter

- Digi Edgeport 1 RS232 DB9 to USB converter
- (Digi part number 301 – 1001 – 15)



Operational telemetry supervision

ConnectStudio software offers a quick operational display providing dosimeter data for each wearer. The information can be displayed with a graphical view or tile view. This functioning view allows for any necessary quick action in case of an alarm or pre-alarm (dose/dose rate/time alarm). All Mirion telemetry software is compatible with ConnectStudio software for these advanced supervisory features.



COMPATIBILITY

- Compatible with DMC 3000 Bluetooth Low Energy
- Compatible with WRMNet library and Mirion WRM3™ telemetry
- Compatible with AWM (from firmware 8.00)
- Compatible with Bluetooth/NFC Standard (custom IoT)