i3 / i2 Frequently Asked Questions (FAQ)

Q: How many dosimeters can be shown at the same time on a Real-time display?
A: Real-time measurements from up to eight dosimeters are shown simultaneously on the screen. The i3 has a sleep mode so only active dosimeters user show on the screen. The i2 dosimeters are always on and shown on the screen when in range.

Q: Does Dose Viewer work with either the i2 or i3?
A: The Dose Viewer version 1.1.13.0, delivered with the RaySafe i3, is backwards compatible with the RaySafe i2. Older versions of Dose Viewer need to be updated to support i3 Real-time Dosimeters.

Q: Is there a difference in the i2 and i3 batteries?
A: The RaySafe i3 has a customer replaceable battery, which prolongs the product life cycle up to 10 years. The RaySafe i2 badge needs to be replaced when the battery ends in <5 years.

Q: Is EMC interference, from devices such as cell phones, still an issue with real-time dosimeter badges?
A: The EMC immunity in the i3 has been significantly improved over the i2, reducing possible interference.

Q: How good is the measurement performance?
A: The i3 measurement performance is an improvement over the i2, and includes angular reception making it more accurate.

Q: Does the i3 have a cradle for connecting the dosimeter to the computer?
A: No, the i3 does not use a cradle like the i2. The improved i3 design lets you just use a USB cable to connect the dosimeter to the computer.

Q: If an aspect of the dosimeter badge such as the clip breaks, do I have to replace the entire badge?
A: The i3 has improved wear-ability with a replaceable reinforced plastic clip. The i2 had a metallic clip that could not be replaced.

Q: The colors distinguishing the badges is helpful but is it possible for us to put names on the badges too? That would be less confusing.
A: The i3 has room for naming, whereas the i2 does not.

Q: Can the RaySafe i2 and i3 be used together with Philips DoseAware?
A: Yes, they can, i2 and i3 dosimeters will show up on DoseAware base station screens and DoseAware dosimeters will show up on the i2 and i3 base stations screens. As the icons used for dosimeters are not the same for i2/i3 and DoseAware, the dosimeters might however appear differently.

Q:	How can I update my current Dose Viewer application for my new i3 dosimeters?
A:	Please visit www.RaySafe.com/i3/downloads, download and install the latest Dose Viewer that support i2 and i3 dosimeters.

Q:	If I update the Dose Viewer software, can I still use my i2 badges?
A:	Yes, you can.

Q:	Can I use a combination of i2 and i3 dosimeter badges?
A:	Yes, can combine i2 and i3 badges but be aware that measurement results may differ. We recommend that you replace the i2 badges with i3 ones as soon as possible to increase the efficiency of your RTSD.

Q:	What is Dose Manager and what does it do?
A:	Dose Manager is a software installed on your PC to see the history of dose exposures. You can see a dosimeter's exposure over time and compare it to other dosimeters. With Dose Manager, you can also collect dosimeters exposure history from the Real-time Display and do not need to connect them individually to your computer. Dose Viewer compared to DoseManager can only show information for one dosimeter at the same time, and the dosimeter must be connected directly to your computer when you look at the history.

Q:	Can Dose Manager be used with the new i3 dosimeters?
A:	Dose Manager can be used with the new i3 dosimeters if you collect the dose information from your Real-time Displays using a network connection or with a USB memory. The i3 dosimeters unfortunately cannot currently be connected directly to Dose Manager by the USB cable.

Q:	Can we show the same information as on the Real-time Display on any hospital monitor?
A:	Unfortunately, this is not possible with the RaySafe i2/i3. This is something that we look in to for the future but currently only the Real-time Display can be used to visualize the exposure situation in real time.

Q:	Can I add i3 badges to my Real-time dosimeter system?
A:	Yes, additional badges are available for purchase.

Q:	In brief, what are the five best things about the i3 versus the i2?
A:	Prolonged life cycle; improved EMC immunity; better measurement specifications; automatic sleep mode, improved wearability.