

Product Affected: XD 8000 – CT motion

Main Topic: **SYNCopen Class 4 with SW 4.5.6:**

- **NEW:** Approval for **Canon** CT scanners
- **Update** for approved **GE** CT scanners

New

1. Canon: First-time approval for CT scanners

The **first** Canon CT scanners are now approved for CANopen Class 4 with CT motion **SW 4.5.6.:**

Canon Part number	Canon CT – System	Canon Software Ref.-Number	CANopen
TSX-036A	Aquilion Lightning	10.4 or higher	Class 4
TSX-303B	Aquilion Prime SP	10.4 or higher	Class 4
TSX-305A	Aquilion ONE	10.4 or higher	Class 4
TSX-306A	Aquilion ONE	10.4 or higher	Class 4
TSX-202A	Aquilion Exceed LB	10.6 or higher	Class 4

Required items part of Canon delivery:

- CKIS-004B/4B – CANopen Class 1 option (contains connection cable)
- CKIS-005A/1B – CANopen Class 4 option, Software license

2. GE Healthcare: Approval of new CT scanners

The following CT scanners are now **additionally** approved for CANopen Class 4 with CT motion **SW 4.5.6.:**

- Revolution Frontier
- Revolution Discover CT

Overview of approved GE CT scanners for CANopen Class 4 including the new entries

GE Part number	GE CT – System	GE Software Ref.-Number	Validity restricted to	CANopen
5463926-31PCM	Revolution EVO	16HW14.9*	EU	Class 4
5463926-32PCM	Revolution EVO	16HW14.9*	EU	Class 4
5463926-33PCM	Revolution EVO	16HW14.9*	EU	Class 4
5463926-34PCM	Revolution EVO	16HW14.9*	EU	Class 4
5823529PCM	Optima CT680 Expert	19BW15.42*	Global	Class 4
5823529PCM	Revolution Maxima	19BW15.42*	Global	Class 4
5823529PCM	Revolution ACE	19BW15.42*	Global	Class 4
58888888-2	Revolution Frontier	18BW35.42*	Global	Class 4
5421888-9	Revolution Discover CT	18BW35.42*	Global	Class 4

*required items part of GE delivery:

- B76012RE – Integrated Injector SP; option
- 5169456 – Injector control cable; option

Q&A

Can already installed CT motion be subsequently connected to [GE or Canon CT scanners](#) listed above?

Yes. Therefore, a black terminal with **SW 4.5.6** and **SW option SYNCopen (XD 8016)** is required.
In case of further questions, please contact our Technical Service.

Are the above listed [GE and Canon CT scanners](#) approved for SW 4.6.x?

Unfortunately not yet, but an approval for SW 4.6.x. is the next step.
(Several Siemens CT scanners are already approved for SW 4.6.x + Li battery, please see PMB 2020-08.)

CT motion orders, which involve a GE or Canon CT scanner, will be delivered with **SW 4.5.6 + Pb battery**.

Please keep in mind:

For projects requiring the delivery of SYNCopen, ulrich medical will only accept new orders for which the CT scanner type and the CANopen Class have been confirmed.

During the order process, the Customer Service will actively request that "[New Installation Approval: SYNCopen](#)" (FB-04-05-73_xx) is filled in and sent together with the "[Order form CT motion](#)" (FB-05-06-08_xx).

Overview of all CT scanner manufacturers approved for SYNCopen with CT motion:

CT manufacturer	CANopen	SW 4.3.2 with Pb battery	SW 4.3.3 with Pb battery	SW 4.5.6 with Pb battery	SW 4.6.2 with Li battery
Siemens	Class 1+3	✓	✓ (Standard delivery)	N/A	N/A
Siemens	Class 4	✓	✓ (Delivery if SW 4.3.x is approved only)	✓ (Delivery if SW 4.5.6 is approved only)	✓ (Standard delivery → SW 4.6.x is approved)
GE	Class 1	✓	✗	N/A	N/A
GE	Class 4	✗	✗	✓	✗
Canon	Class 4	✗	✗	✓	✗
