



# Interoperability Table

Siemens Linear Accelerators  
**MOSAIQ<sup>®</sup>**

This table shows the interoperability between Siemens Linear Accelerators (LINACS), LINAC Interfaces and the MOSAIQ® Oncology Information System. The table is subject to change and will be updated from time to time to reflect the current interoperability status. It includes the most common customer configurations and does not cover all possible configurations.

Siemens LINAC and LINAC Features	Siemens LINAC Interfaces	Supported MOSAIQ® Software Versions					
		2.0	2.2	2.3	2.41	2.5	2.60 <sup>3</sup> or 2.62 <sup>3</sup> or 2.64 <sup>3</sup>
Mevatron™ / PRIMUS™ / ONCOR™ Without imaging	DMIP (LINAC directly connects to MOSAIQ Sequencer)	√ <sup>2</sup>	√ <sup>2</sup>	√ <sup>2</sup>	√ <sup>2</sup>	√ <sup>2</sup>	√ <sup>2</sup>
PRIMUS™ / ONCOR™ With only 2D imaging using an OPTIVUE™ 500 or 1000  With this configuration COHERENCE™ Therapist 2.3 does not support: MVision™ (3D imaging) / In-Line kView™ / 160 MLC™ / ModuLea™ / Flattening Filter Free Beams / 7UF.	COHERENCE™ Therapist 2.3 <sup>1</sup>	√	√	√	√	√	√ <sup>2</sup>
PRIMUS™ / ONCOR™ / ARTISTE™ must have 3D imaging and/ or a 1000ST flat panel  With this configuration syngo® RT Therapist 4.2 supports all options normally supported by a particular Linac, with the exception of ARTISTE™ with mARC™ or KVision™ which requires syngo® RT Therapist 4.3. Limitations: 4, 5, 6, 7	syngo® RT Therapist 4.2 <sup>1</sup>	√	√	√	√	√	√ <sup>2</sup>
PRIMUS™ / ONCOR™ / ARTISTE™ / ARTISTE 2D Must have 3D imaging and/ or a 1000ST flat panel  syngo RT Therapist 4.3 supports all options normally supported by an ARTISTE including mARC and KVision™. Limitations: 4, 5, 6, 7	syngo® RT Therapist 4.3 <sup>1</sup>	No	No	No	√	√	√ <sup>2</sup>
PRIMUS™ / ONCOR™ / ARTISTE™ must have 2D or 3D imaging and OPTIVUE™ 500, 1000 or 1000ST flat panel  With this configuration syngo® RT Therapist 4.3.1 supports all options normally supported by a particular Linac with serial number 3094 and above. Going forward syngo® RT Therapist 4.3.1 replaces syngo® RT Therapist 4.2 and 4.3. Limitations: 4, 5, 6, 7	syngo® RT Therapist 4.3.1 <sup>1</sup>	√	√	√	√	√	√ <sup>2</sup>

The MOSAIQ® Oncology Information System is a product of IMPAC Medical Systems, Inc. MOSAIQ® is a registered trademark of IMPAC. All rights reserved. The MOSAIQ trademark is used by Siemens under license from IMPAC.

<sup>1</sup> Note that COHERENCE and syngo® RT Therapist workspaces only support single byte character sets. RTT has only been validated with ASCII or ISO IR-100 (ISO/IEC 8859-1) character-sets, commonly referred to as "Western European languages" (for example, English, which would include US English).

<sup>2</sup> The interoperability for this configuration has been certified by ELEKTA.

<sup>3</sup> MOSAIQ 2.60, 2.62 and 2.64 is available with ELEKTA MOSAIQ only.

<sup>4</sup> Siemens Standard table coordinates are not supported and will be converted to IEC61217 table coordinates.

<sup>5</sup> 6ST Stereotactic Option not supported. Customers upgrading from COHERENCE Therapist 2.3 to syngo RT Therapist 4.3.1 can request an upgrade to the 7UF Option that provides similar beam characteristics. The upgrade from 6ST to 7UF requires approximately one week of additional down time and requires for the customer to recommission the respective beam. Therefore it must be at customer's choice whether an upgrade to 7UF is to be performed or whether the 6ST feature is being disabled.

<sup>6</sup> Virtual Wedge angles below 15° are not supported.

<sup>7</sup> COHERENCE Oncologist 2.x is not compatible with syngo RT Therapist 4.x and therefore can no longer be used after syngo RT Therapist 4.x is installed at a customer site.

**Siemens Healthineers Headquarters**

Siemens Healthcare GmbH  
Henkestr. 127  
91052 Erlangen, Germany  
Phone: +49 9131 84-0  
siemens-healthineers.com