

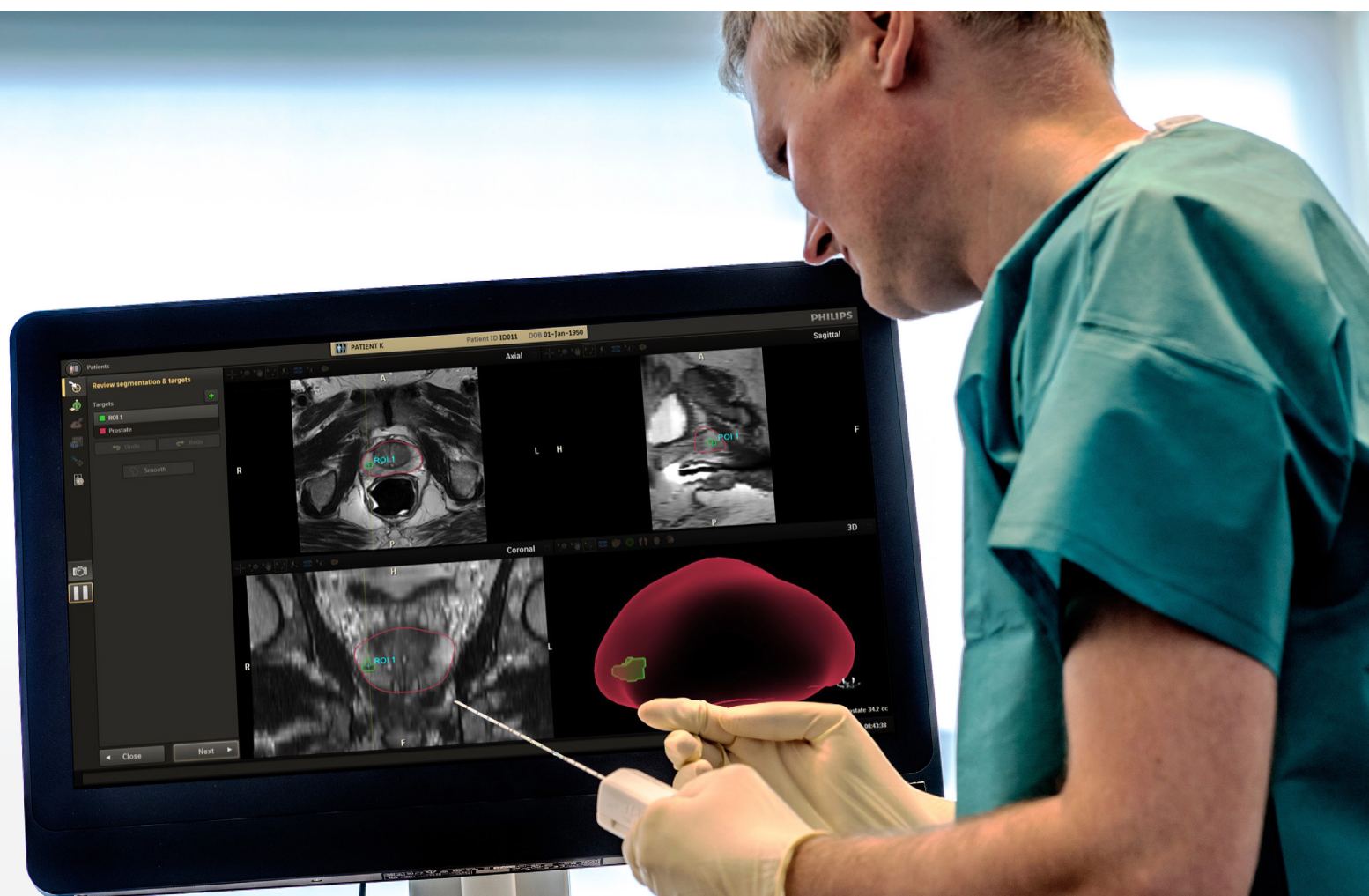


UroNav 4.4 specifications and compatibility list

Philips UroNav is designed to support you with image guidance during urological diagnostic and interventional procedures. It fuses diagnostic MR images of the prostate with live ultrasound images in real time. It offers clear delineation of the prostate and suspicious lesions, as defined by DynaCAD Prostate, as well as clear visualization of the biopsy and treatment needle, during biopsy, cryo-therapy and laser therapy procedures. Combining strong collaboration and integration with radiology, you can confidently ensure patients get the precise care they deserve.

UroNav cart dimensions

System dimensions	52.1 x 80 x 168.9 cm (20.5 x 31.5 x 66.5 in) (DxWxH)
Weight	69.7 kg (approx. 153.6 lb)
Display	61 cm (24 in) diagonally
Internal Data Drive size	1TB



UroNav 4.4 compatibility list

This compatibility list is only valid for UroNav 4.4. The available video output formats on the ultrasound systems may vary depending on the configurations by the ultrasound system manufacturer.

Ultrasound compatibility for transrectal procedures

Manufacturer	Model	TRUS probe	Supported video output	Probe type	Needle guide
BK/Analogic	Flex Focus (300, 400, 500, 700, 800)	8808e	DVI	Biplane	BK Medical UA1322-S
		8818	DVI	Triplane	BK Medical UA1329-S, UA1322-S
		8819	DVI	Endfire	CIVCO 610-958
	3000, 5000 and Specto (Specto SW versions 6.6.4 and 6.6.8 - 6.6.18)	E10C4*	DVI	Endfire	CIVCO 610-958
		E14C4t	DVI/HDMI	Triplane	BK Medical UA1329-S, UA1322-S
GE	F8 ("2016"/Software Versions R2.X.X)	E8C-RS/ E8CS-RS	HDMI	Endfire	CIVCO 742-306
	S7 ("2016"/Software Version R3.X.X)	IC5-9-D	HDMI	Endfire	CIVCO 742-306
	Versana Premier	E8CS-RS	HDMI	Endfire	CIVCO 742-306
Fujifilm	Noblus, ARIETTA Precision and ARIETTA 65	C41V	DVI/HDMI	Endfire	CIVCO 644-069
Fujifilm	ARIETTA Precision and ARIETTA 65	CC41R2	HDMI	Biplane	CIVCO 644-102
Philips	EPIQ 5/7/Elite and Affiniti 50/70	C10-4ec	Display Port	Endfire	CIVCO 667-133
Siemens	ACUSON S2000 and S3000	MC9-4	HDMI	Endfire	CIVCO 676-157

*Compatibility for the E10C4 probe is only with bkSpecto software version 6.6.4.

Ultrasound compatibility for transperineal procedures with stepper

Manufacturer	Model	TRUS probe	Supported video output	Probe type
BK/Analogic	Flex Focus (300, 400, 500, 700, 800)	8848	DVI	Biplane
	3000, 5000 and Specto (Specto SW versions 6.6.4 and 6.6.8 - 6.6.18)	E14CL4b	DVI/HDMI	Biplane
Fujifilm	Noblus, ARIETTA Precision and ARIETTA 65	C41L47RP	DVI/HDMI	Biplane

Ultrasound compatibility for freehand transperineal procedures

Manufacturer	Model	TRUS probe	Supported video output	Probe type
BK/Analogic	Flex Focus (300, 400, 500, 700, 800)	8848	DVI	Biplane
	3000, 5000 and Specto (Specto SW versions 6.6.4 and 6.6.8 - 6.6.18)	E14CL4b	DVI	Biplane
Fujifilm	ARIETTA Precision and ARIETTA 65	C41L47RP	HDMI	Biplane
Fujifilm	ARIETTA Precision & ARIETTA 65	CL4416R1	HDMI	Biplane

Supported biopsy guns and needles

Manufacturer	Gun	Needles
Argon Medical Devices (US Biopsy [®])	Fully Automated Core Biopsy System, MBD-23	Core Biopsy Needle, 18Gx20cm, CBN1820
		Core Biopsy Needle, 18Gx25cm, CBN1825
		Core Biopsy Needle, 18Gx30cm, CBN1830
Argon Medical Systems (Angiotech)	Pro-Mag ¹ Ultra Automatic Biopsy Instrument 7675	Pro-Mag ¹ Biopsy Needle, 18Gx20cm, 765018200
		Pro-Mag ¹ Biopsy Needle, 18Gx25cm, 765018250
		Pro-Mag ¹ Biopsy Needle, 18Gx30cm, 765018300
BARD [®]	MAX-CORE [®] Disposable Core Biopsy Instrument, 18Gx20cm, MC1820	
	MAX-CORE [®] Disposable Core Biopsy Instrument, 18Gx25cm, MC1825	
BARD [®]	MAGNUM [®] Reusable Core Biopsy Instrument, MG1522	MAGNUM [®] Disposable Core Tissue Biopsy Needle, 18Gx20cm, MN1820
		MAGNUM [®] Disposable Core Tissue Biopsy Needle, 18Gx25cm, MN1825
		MAGNUM [®] Disposable Core Tissue Biopsy Needle, 18Gx30cm, MN1830
URO-1	SUREcore Plus	SUREcore Plus Disposable Core Biopsy Instrument, 18Gx22cm, SP-LA 18-22
		SUREcore Plus Disposable Core Biopsy Instrument, 18Gx25cm, SP-LA 18-25

Supported cryo and laser needles/applicators/tools

The following table provides a list of needles/applicators/tools that have been found compatible for use in the operating environment of the UroNav system.

Manufacturer	Needles/applicators/tools
Varian	V-Probe [®] , CVA2400RA
	TempProbe [®] Short, CRY0-55-F
CLS	TRANBERG [®] MR Introducer, 4013-14
	TRANBERG [®] Laser applicator non-cooled, Radial, 1 mm, 4012-01
	TRANBERG [®] Laser applicator non-cooled, Diffuser, 15 mm, 4017-01
	TRANBERG [®] Laser applicator non-cooled, Diffuser, 25 mm, 4017-03
	TRANBERG [®] Tissue Temp Probe, 100 mm, Blue, 1 sensor, 3001-01
	TRANBERG [®] Tissue Temp Probe, 100 mm, White, 1 sensor, 3002-01
	TRANBERG [®] Tissue Temp Probe, 100 mm, Green, 4 sensors, 3003-01
	TRANBERG [®] Tissue Temp Probe, 100 mm, Black, 4 sensors, 3004-01
	TRANBERG [®] Tissue Temp Probe, 200 mm, Blue, 1 sensor, 3001-02
	TRANBERG [®] Tissue Temp Probe, 200 mm, White, 1 sensor, 3002-02
	TRANBERG [®] Tissue Temp Probe, 200 mm, Green, 4 sensors, 3003-02
	TRANBERG [®] Tissue Temp Probe, 200 mm, Black, 4 sensors, 3004-02
Boston Scientific	IcePearl [™] 2.1 CX, FPRPR3603
	IceForce [™] 2.1 CX, FPRPR3604
	IceRod [™] 1.5 i-Thaw [™] , FPRPR4009
	Multi-Point Thermal Sensor, FPRPR4010

Supported accessories for transperineal procedures

Manufacturer	Description	Manufacturer's part number
CIVCO	Sterile 17G grid	610-905
	Sterile 18G grid	610-906
	Sterile 14G grid	610-977
	Sterile flat polyethylene drape	610-870
	Latex-free endocavity balloon	610-898
	TP Pivot Pro ²	610-1553 (UroNav support only with BK probes)
Perineologic	PrecisionPoint ³ transperineal access system	P1001, P1002

Probe holder*

Manufacturer	Model	TRUS probe	Manufacturer	Description	Manufacturer's part number
Philips	EPIQ 5/7/Elite, Affiniti 50/70	C10-4ec	CIVCO	Tracking bracket for endocavity transducer	667-145

* Note: Probe holders for the Philips C10-4ec must be purchased directly from CIVCO.

For distribution in the USA only.

DynaCAD Prostate and DynaCAD Urology are modules of the DynaCAD product. DynaCAD 5.2 is 510K released for Advanced Annotation / Focal therapy.

DynaCAD is not available for sale in all countries. Please contact your sales representative to ascertain availability in your country.

UroNav is interoperable with DynaCAD Prostate for biopsy workflows.

UroNav is interoperable with DynaCAD Urology for biopsy and cryo/laser therapy workflows.

UroNav is not interoperable with DynaLync Prostate.

1 Pro-Mag Ultra Automatic Biopsy Instrument 7675 is a trademark of Argon Medical Systems

2 TP Pivot Pro is a trademark of CIVCO Medical Solutions

3 PrecisionPoint Transperineal Access System is a trademark of Perineologic

Philips implement security within a heavily regulated medical device industry regulatory agencies such as the US Food and Drug administration require that hardware and software releases and changes be subjected to rigorous verification and validation methods to ensure that high standards of safety security efficiency quality and performance are met in all applicable Phillips products and services.

