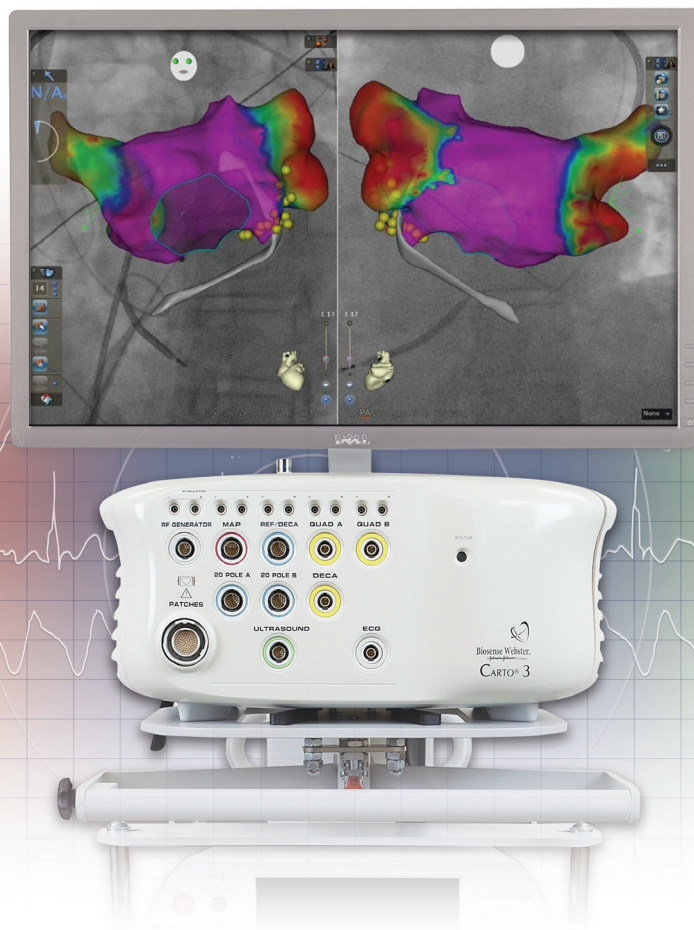


The CARTO[®] 3 System



The only 3D mapping system with the integration, scalability and insights to help electrophysiologists optimize treatment decisions.

CARTO[®] 3
System

The CARTO® Solution

Designed with every phase of the procedure in mind

Obtain robust information with an array of versatile diagnostic, mapping and treatment options with CARTO® 3 System products.

DISCOVER

High-quality data points offer physicians electrical and anatomical detail in simple and complex cases.

Includes traditional and advanced diagnostic catheters such as

- SOUNDSTAR® Catheter
- PENTARAY® Catheter

INTERPRET

Advanced 3D mapping modules integrate multiple data sets and images into one resource for highly detailed, real-time information.

Includes image integration tools, as well as advanced mapping and ablation software such as

- CONFIDENSE® Module
- CARTO SMARTTOUCH™ Software Module
- CARTOUNIVU® Module[†]
- PASO™ Module
- CARTOSOUND® Module

TREAT

With the broadest portfolio of catheters available; physicians can optimize their treatment strategy, whether it's to ablate or wait.

Includes Contact Force Technology and Irrigated Ablation Technology such as

- THERMOCOOL SMARTTOUCH® SF Catheters
- THERMOCOOL SMARTTOUCH® Catheters

Contact a sales representative for more information on these products and/or a complete list of products available.

From diagnosis to treatment, the CARTO® 3 System has products to support the most types of cases

[†]Always verify catheter tip location using fluoroscopy or IC signals and consult the CARTO® 3 System User Guide regarding recommendations for fluoroscopy use. Pellegrino, P.L., Brunetti, N.D., Gravina, D., Sacchetta, D., De Sanctis, V., Panigada, S., Di Biase, L., Di Biase, M., and Mantica, M. (2013). Nonfluoroscopic mapping reduces radiation exposure in ablation of atrial fibrillation. Journal of cardiovascular medicine 14, 528-533. Earley, M.J., Showkathali, R., Alzetani, M., Kistler, P.M., Gupta, D., Abrams, D.J., Horrocks, J.A., Harris, S.J., Sporton, S.C., and Schilling, R.J. (2006). Radiofrequency ablation of arrhythmias guided by non-fluoroscopic catheter location: a prospective randomized trial. Eur Heart J 27, 12231229

[†]The clinical significance of utilizing the PASO™ Module to help pace mapping for catheter ablation of ventricular arrhythmias has not been demonstrated by clinical investigations.

THERMOCOOL® Navigation Catheters are indicated for the treatment of drug refractory recurrent symptomatic paroxysmal atrial fibrillation, when used with CARTO® Systems (excluding NAVISTAR® RMT THERMOCOOL® Catheter).

The CARTO® Solution

Find the paths and patterns that matter most to patients

The CARTO® 3 System enables EPs to be efficient while empowering them to diagnose and treat many arrhythmias.

INTEGRATION

Products work together on a system that adapts to the lab.

SCALABILITY

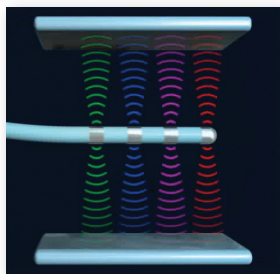
Flexible tools for today, built on a platform ready for tomorrow.

INSIGHTS

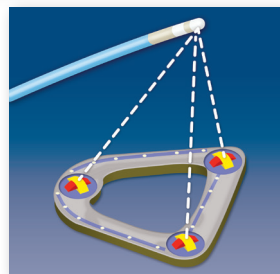
Electrophysiologists (EPs) make the most informed decisions about when and how to treat.

Built On Hybrid Technology

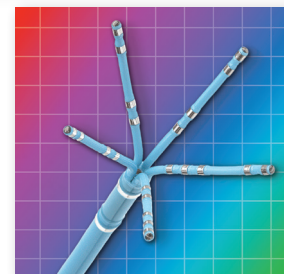
Only the CARTO® 3 System uses current- and magnetic- based technology to deliver outstanding catheter visualization and location accuracy, without distortion.



Current-based
navigation



Magnetic-based
navigation



CARTO® System
hybrid navigation

The CARTO® 3 System is a 3D mapping system built to take on the complexities of arrhythmias

Unparalleled Integration

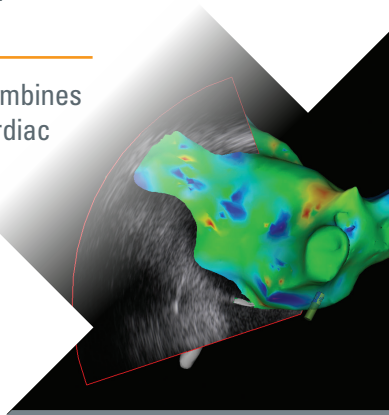
Combine diagnostic data, mapping, imaging and treatment into one resource

The CARTO® 3 System is designed to streamline information and simplify procedures.

High-quality data points

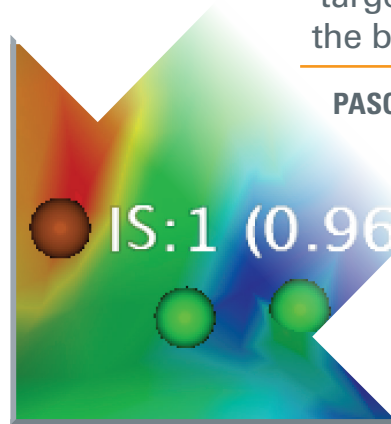
that show enhanced anatomical and electrical detail

CARTOSOUND® Module combines 3D mapping with intracardiac echocardiography (ICE) imaging.



Refined localization of complex arrhythmias to identify the patterns of target areas and develop the best possible strategy

PASO™ Module* quickly locates and catalogs multiple VT sources



INTEGRATION

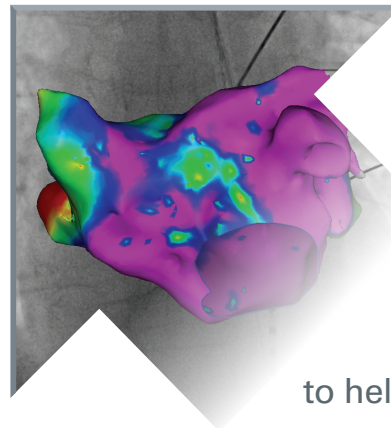
Catheters at the forefront of innovation, driving more efficient and successful treatments

THERMOCOOL SMARTTOUCH® SF Catheter reduces ablation and procedure time while regulating total energy delivered.†



Enhanced visualization to help reduce fluoroscopy exposure levels

CARTOUNIVU® Module integrates maps, catheters and fluoro imaging.‡



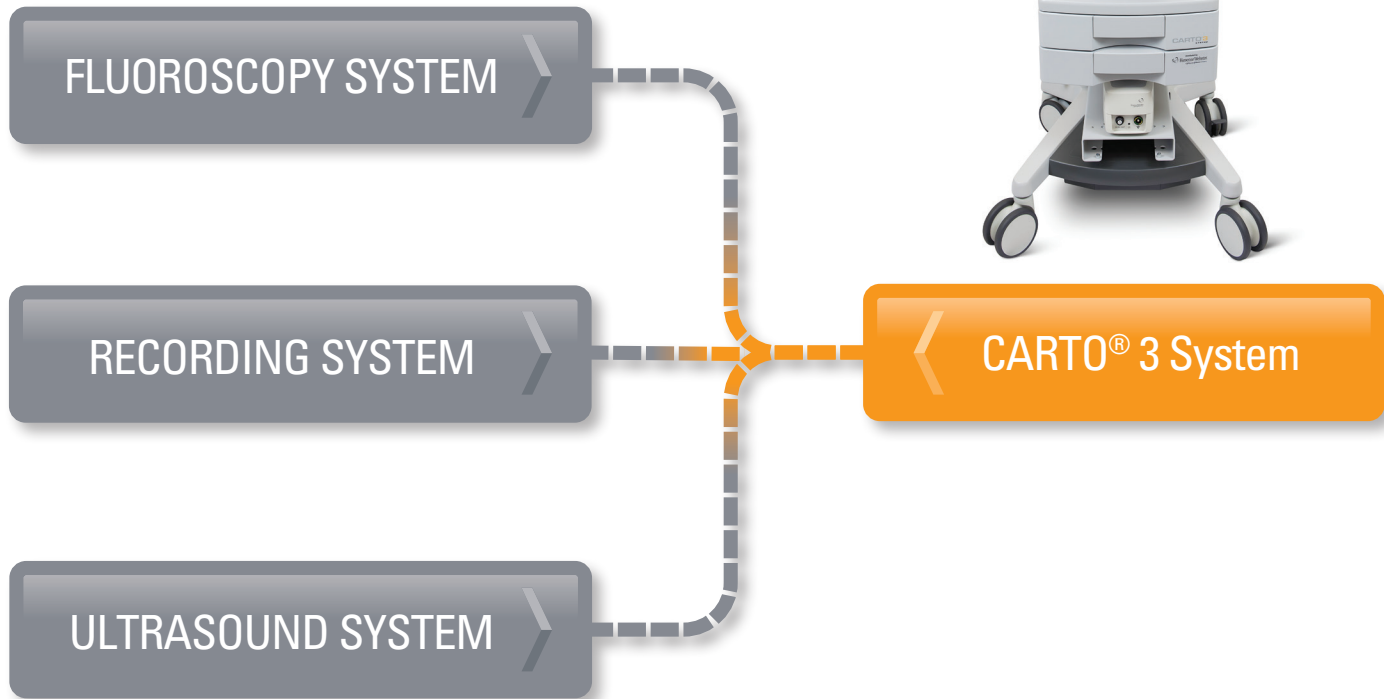
Innovation and integration drive every aspect of CARTO® 3 System technology to optimize treatment decisions

*The clinical significance of utilizing the PASO™ Module to help pace mapping for catheter ablation of ventricular arrhythmias has not been demonstrated by clinical investigations.

Unparalleled Integration

Seamlessly integrate a complete suite of technologies in the lab

Strategic partnerships with industry leaders provide compatibility with standard EP lab technology from hospitals' most preferred vendors.

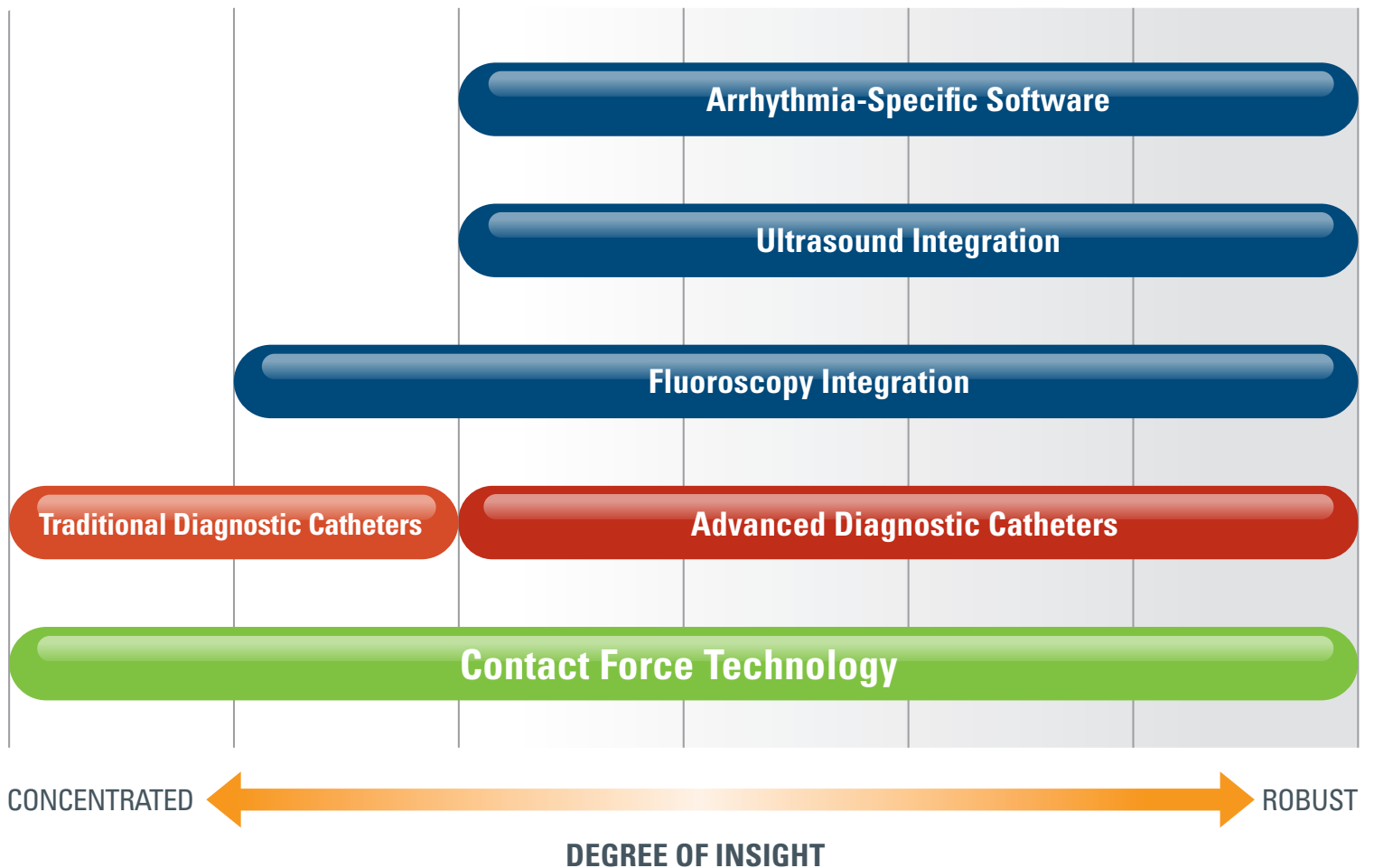


**The CARTO[®] 3 System has the greatest compatibility
with the most EP equipment**

Scalability for Procedures

Build a unique approach for any case

Flexibility allows physicians to personalize their strategy based on technique preferences and procedure demands.



Only the CARTO® 3 System lets physicians scale procedures based on technique preferences and case complexity

Actionable Insights

The CARTO[®] 3 System allows physicians to make the most informed treatment decisions



High-quality diagnostic data are pulled from a variety of sources

Fully integrated software modules create a robust clinical picture

Hybrid technology delivers outstanding accuracy

Built-in compatibility with broader lab technologies

Scalability and flexibility to support any workflow or patient anatomy

Get real-time feedback and unique insights about when and how to proceed with treatment.

Contact your Biosense Webster, Inc. representative about the CARTO[®] 3 System today.

CARTO[®] 3
System

*Success defined as freedom from any symptomatic atrial arrhythmia (atrial fibrillation, atrial flutter, atrial tachycardia) 12 months postprocedure when operator remained in the preset contact force range. Further sub-analysis showed that when the contact force was within investigator-selected range $\geq 85\%$ of time, success rate increased by 21% to 88% ($\geq 85\%$: n = 32; $< 85\%$: n = 73).

*Always verify catheter tip location using fluoroscopy or IC signals and consult the CARTO[®] System User Guide regarding recommendations for fluoroscopy use.

Pellegrino, P.L., Brunetti, N.D., Gravina, D., Sacchetta, D., De Sanctis, V., Panigada, S., Di Biase, L., Di Biase, M., and Mantica, M. (2013). Nonfluoroscopic mapping reduces radiation exposure in ablation of atrial fibrillation. *Journal of cardiovascular medicine* 14, 528-533. Earley, M.J., Showkathali, R., Alzetani, M., Kistler, P.M., Gupta, D., Abrams, D.J., Horrocks, J.A., Harris, S.J., Sporton, S.C., and Schilling, R.J. (2006). Radiofrequency ablation of arrhythmias guided by non-fluoroscopic catheter location: a prospective randomized trial. *Eur Heart J* 27, 12231229.

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Important information: Prior to use, refer to the instruction for use supplied with this device for indications, contraindications, side effects, suggested procedure, warnings and precautions.

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