Medtronic

StealthStation FlexENT™

Flexible by design

Powered by StealthStation™ technology with enhanced software 2.1

Flexible design you can trust

Medtronic has a longstanding dedication to advancing surgical technology. For more than 20 years, we have been a trusted partner to surgeons worldwide in the development of image-guided surgery (IGS) technology for ENT procedures.

Flexibility matters

With StealthStation FlexENT™ navigation system, you choose the components to create a customized, economical navigation system to meet your ENT procedure needs.

Intentionally designed with flexibility

More than ever, we are focused on bringing you closer to innovation that may not previously have been within your reach – wherever you perform surgery. That's why we're making StealthStation™ technology more attainable for more surgeons, with an IGS system that is designed to be configurable and economically flexible.

Everything you want and nothing you don't

StealthStation FlexENT™ is a flexible, easy to use IGS system, that offers the following key benefits:

Six hardware configurations – with and without a cart – to build the best solution for your specific clinical and facility needs

- The optional portable cart, enables you to consolidate ENT equipment and provides better mobility and cord management
- Two different electromagnetic (EM) emitter options provide more flexibility with surgical setup
- Manage multiple navigated instruments simultaneously
- Add-on software modules as needed for enhanced visualization and surgical planning
- Pre surgical planning tools that create a non-linear surgical pathway by utilizing entry and target points and view progress along the planned path and distance to target
- Easy to use interface with annotations to help physicians identify challenging anatomy, drainage pathways, and structural anomalies.
- Alerts to let surgeons and OR staff know when instruments get close to critical structures and enhanced visualization to support safe surgery

Flex your way

StealthStation FlexENT™ navigation system with enhanced software 2.1, provides flexible hardware features and tiered software functionality. Configure the system to create a customized, economical navigation system to meet your unique facility and clinical needs.

*Cart can consolidate ENT equipment, such as the Integrated Power Console (IPC™) system or XPS Nexus™ console. Sold separately.

Computer options:

- All-in-one touch screen computer with 4-wheel integrated cart
- All-in-one touch screen computer – desktop

Emitter options:

- Side EM emitter with clamp
- Side EM emitter on a stand
- Flat EM emitter

Flex add-on options

Upgradeable advanced software features

Third shelf for cart configuration

Footswitch

Not pictured:

- Second monitor mount
- Keyboard
- Mouse

Imagine the possibilities

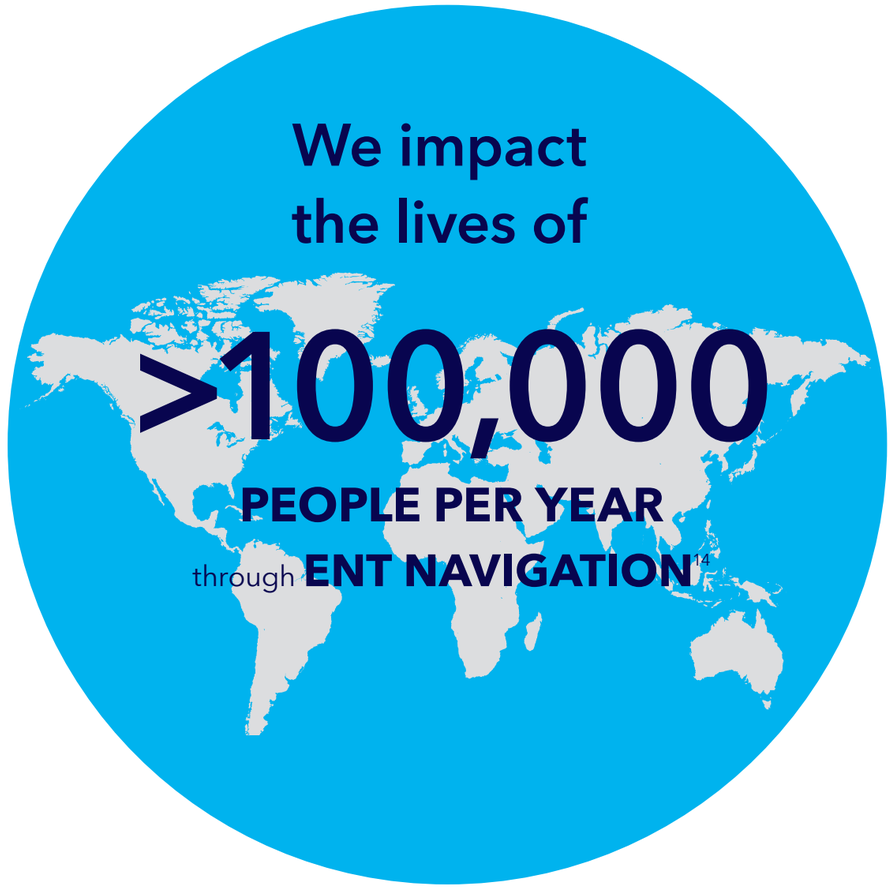
Image-guided navigation may help you protect patients undergoing functional endoscopic sinus surgery through:

- Improving visualization with complex sinus anatomy[1-2]
- Optimizing your surgical strategies[3-4]
- Reducing major complications[5-6], and the need for revision surgeries[7-8]

A trusted partnership

When it comes to surgical navigation, Medtronic has been there from the beginning with engineering firsts and technology you can count on.
Contact your Medtronic representative to learn more about StealthStation FlexENT™ navigation system and how it can be customized to meet your facility's unique needs.

Medtronic Navigation, used in 80% of navigated FESS procedures



Ordering information

Cart Configurations			
Ordering Code	FLEX**CART**FLAT	FLEX**CART**SIDESTAND	FLEX**CART**SIDECLAMP
Flat Emitter	✓		
Side Emitter		✓	✓
Emitter Stand		✓	
Bedrail Clamp			✓

Desktop Configurations			
Ordering Code	FLEX**CART**FLAT	FLEX**CART**SIDESTAND	FLEX**DESK**SIDECLAMP
Flat Emitter	✓		
Side Emitter		✓	✓
Emitter Stand		✓	
Bedrail Clamp			✓

Advanced software applications

- Planning, Annotations and Virtual Endoscopy – 9736227
- StealthMerge™ Software – 9736155
- Stealth™ 3D Software – 9735742

Speak to your Medtronic representative about available software options and accessory components.

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2. Ramakrishnan VR, et al. The use of image-guided surgery in endoscopic sinus surgery: an evidence-based review with recommendations. *Int Forum Allergy Rhinol.* 2013;3(3):236-241.
3. Vreugdenburg TD, et al. Stereotactic anatomical localization in complex sinus surgery: A systematic review and meta-analysis. *Laryngoscope.* 2016;126(1):51-59.
4. Citardi MJ, et al. Next-Generation Surgical Navigation Systems in Sinus and Skull Base Surgery. *Otolaryngol Clin North Am.* 2017;50(3):617-632.
5. Masterson L, et al. Image-guided sinus surgery: practical and financial experiences from a UK centre 2001-2009. *J Laryngol Otol.* 2012;126(12):1224-1230.
6. Ahn S, et al. Better surgical outcome by image-guided navigation system in endoscopic removal of sinonasal inverted papilloma. *J Craniomaxillofac Surg.* 2018;46(6):937-941.
7. Galletti, et al. Endoscopic sinus surgery with and without computer assisted navigation: A retrospective study. *Auris Nasus Larynx.* 2019; 46(4): 520-525.
8. Data on file.
9. Mert A, et al. An advanced navigation protocol for endoscopic transsphenoidal surgery. *World Neurosurg.* 2014;82(6 Suppl):S95-105.
10. Yao WC, et al. Centrifugal frontal sinus dissection technique: addressing anterior and posterior frontoethmoidal air cells. *Int Forum Allergy Rhinol.* 2015;5(8):761-763.
11. Bernardeschi D, et al. Use of bone anchoring device in electromagnetic computer-assissted navigation in lateral skull base surgery. *Acta Oto-Laryngologica,* 133:10, 1047-1052, 2013
12. Stelter K, et al, Evaluation of an image-guided navigation system in the training of functional endoscopic sinus surgeons. A prospective, randomized clinical study. *Rhinology,* 49: 429-437, 2011
13. Strauss G, et al. Evaluation of a navigation system for ENT with surgical efficiency criteria. *Laryngoscope.* 2006 Apr;116(4):564-72.
14. Data on file.

Rx only. Refer to product instruction manual/package insert for instructions, warnings, precautions and contraindications.

For further information, please call Medtronic ENT at 800.874.5797 or consult Medtronic's website at **medtronicent.com**.

Medtronic

ENT
6743 Southpoint Drive N
Jacksonville, FL 32216
USA
Toll free: 800-874-5797
Telephone: 904-296-9600
Fax: 800-678-3995

International telephone numbers
Europe HQ Switzerland 41-21-802-7000
Latin America HQ 305-500-9328
Adriatic Region 385-1-488-1120
Argentina 54-11-4898-5700
Australia 1-800-668-670
Baltic Region 37-1-67560226
Belgium 32-2456-09-09
Brazil 55-11-2182-9200
Canada 1-800-268-5346
Chile 56-2-2655-5110
China 86-10-5869-8989
Colombia 57-1-742-7300
Czech Republic 420-233-059-111
France 33-470-679-800
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Hong Kong 852-2919-1300
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Israel 972-9-972-4400
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