

stryker®

Navigation

# Stryker NAV3i™

Surgical Navigation Platform





# The Ultimate Surgical Navigation Experience

The NAV3i is Stryker Navigation's next-generation of platform solutions. Designed with the surgeon in mind, rigorous testing and usability engineering have been applied to ensure our customers are confident in relying on Stryker Navigation. From its sleek design and powerful computing capabilities to the enhanced visualization provided by its monitors, the Stryker NAV3i easily integrates into the operating room to deliver the ultimate surgical navigation experience.

# Accuracy and Control

Stryker's proprietary tracking technology has produced the most accurate optical navigation camera on the market.<sup>1</sup> When that industry-leading accuracy is combined with Stryker Navigation's smart instruments, the surgeon is able to completely control the software from the sterile field. The Stryker NAV3i delivers flexible surgical solutions to cranial, spine, ENT, orthopaedic and trauma procedures.

## Features Built for Today and Tomorrow

- Stryker's proprietary navigation camera with active technology
- 32" full HD surgeon monitor
- Navigation camera arm with increased range of motion makes it easier to accommodate various procedures and approaches
- Built-in LiveCam allows for easy positioning of the navigation camera and smart instruments
- IO Tablet user interface with touch capability
- Footprint and overall design helps maximize space in the OR
- Uninterruptible power supply (maximum six minutes)
- Industrial PC with upgraded processing speed and 60% more RAM than legacy platform
- Wireless integration - DICOM query/retrieve and DICOM client functionality for smooth integration into the hospital network
- HDMI output





## Reconstructive

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Hips  
Knees  
Trauma & Extremities  
Foot & Ankle  
Joint Preservation  
Orthobiologics & Biosurgery

## MedSurg

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Power Tools & Surgical Accessories  
Computer Assisted Surgery  
Endoscopic Surgical Solutions  
Integrated Communications  
Beds, Stretchers & EMS  
Reprocessing & Remanufacturing

## Neurotechnology & Spine

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Craniomaxillofacial  
Interventional Spine  
Neurosurgical, Spine & ENT  
Neurovascular  
Spinal Implants

## References

1. Elfring R, de la Fuente M, Radermacher K. Assessment of optical localizer accuracy for computer-aided surgery systems. *Comput Aided Surg.* 2010;15(1-3):1-12.

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