

Corporate Overview

Intuitive, headquartered in Sunnyvale, California, is a global leader in minimally invasive care and the pioneer of robotic-assisted surgery. Intuitive has more than 16,000 global employees, around 1,400 of them in Europe.

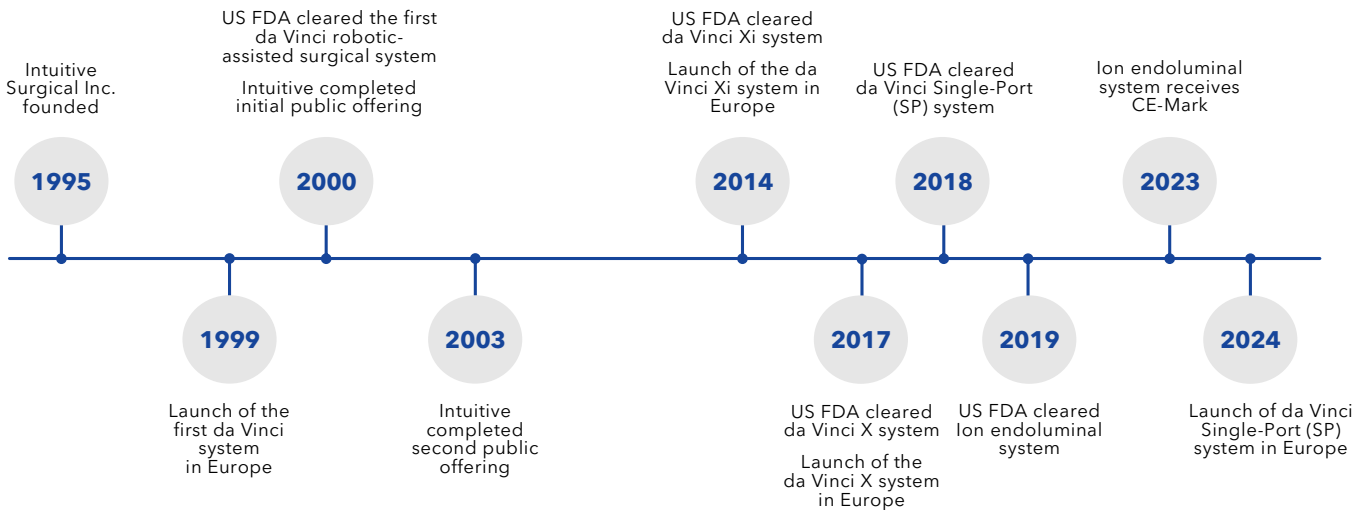
Mission Statement: At Intuitive, we believe that minimally invasive care is life-enhancing care. By combining ingenuity and intelligent technology, we expand the potential of physicians to help without constraints.

From the Beginning

In the late 1980s, robotic-assisted surgery was emerging in the heart of Silicon Valley, at the former Stanford Research Institute (SRI).

In the first decade of its development, interest in the nascent technology was as varied as the funding. The National Institutes of Health supported surgical applications, and by the early 1990s the US Defense Advanced Research Projects Agency had added funds in search of systems that could perform battlefield surgery. One of the founders of Intuitive acquired the initial technology from these projects, leading to the further refinement and development of surgical system technology.

In 1995, Intuitive Surgical Devices was founded, commercializing what was known at the time as the SRI system. In 1997, we began testing the first da Vinci surgical system. Intuitive received US FDA clearance for the first da Vinci surgical system in 2000.



10,670+

da Vinci surgical systems installed in hospitals worldwide

16,94 million

procedures performed to date, with **2,68 million+** performed in 2024 alone

Systems placed on

6 continents

Every 11,8 seconds

a surgeon starts a procedure using a da Vinci surgical system



Da Vinci Xi surgical system



Da Vinci X surgical system



Da Vinci SP (Single-Port) surgical system

About da Vinci surgical systems

Intuitive creates innovative, robotic-assisted surgical systems that help empower doctors and hospitals to make surgery less invasive than an open approach. Since the launch of the first da Vinci robotic-assisted surgical system for laparoscopic surgery, it has taken robotic-assisted surgery from "science fiction" to reality.

The da Vinci Xi- and X surgical systems are designed for universal access for complex surgery using a minimally invasive approach. Intuitive is committed to innovating minimally invasive solutions that reduce variability in surgery and help deliver better care.

These da Vinci surgical systems consist of:

- an ergonomic surgeon console or consoles,
- a patient side cart with four interactive arms, and
- a high-performance vision system equipped with imaging and energy technology to enable communication between the da Vinci system components.

Powered by innovative technology, the da Vinci surgical system scales, filters, and translates the surgeon's hand motions into more precise movements. Da Vinci instruments with EndoWrist bend and rotate greater than the human hand and offer enhanced access to the surgical site.

Da Vinci surgical systems have pioneered new capabilities in the OR, transforming the field of minimally invasive surgery.

Da Vinci Firefly Fluorescence Imaging enables real-time visual assessment of vessels, blood flow, and tissue

For the past 30 years, Intuitive has designed and manufactured several generations of da Vinci surgical systems. Today, Intuitive's 4th-generation da Vinci surgical systems advance minimally invasive surgery across a wide spectrum of surgical procedures.

- Da Vinci Xi - our flagship system, with our most advanced instrumentation, vision and features
- Da Vinci X - our more cost-conscious system with the same arm architecture as our Xi system, and modular components for continued growth
- Da Vinci SP- our Single Port system with one arm and three multi-jointed instruments and a fully wristed camera for narrow surgical spaces.

For the list of procedures and representative uses supported on each platform, please refer to the specific da Vinci system User Manual.

The Intuitive Ecosystem

As the manufacturer of da Vinci systems, Intuitive services extend beyond the surgical system to support the needs of our customers. You may hear this support referred to as the Intuitive Ecosystem.

The Intuitive Ecosystem is:

- a multi-faceted and ongoing technology training program
- always-on-call service and maintenance that helps the systems stay fully operational
- a collection of digital tools and analytics that help track cost, use, and outcomes, and have the potential to do even more.

88,000+

Surgeons worldwide trained on da Vinci surgical systems

43,000+

Peer-reviewed scientific articles that reference Intuitive technologies to date

When all of that comes together, we believe it's better for patients and their outcomes, it's better for the care teams and the providers, and it's better for healthcare systems.

Da Vinci training and simulation technology

Patient safety is at the heart of, and the motivation for, our industry-leading, comprehensive technology training programs, which are designed to support surgeons throughout their career.

Intuitive offers a four-phase training program for the da Vinci system that includes case observations, video review, webinars, hands-on skills training, simulation, hands-on tissue training, and advanced and master courses. As with our technology, we refine our training program over the years using decades of data and insights from participants and hospitals.

The first two phases consist of core system and advanced technology training – where surgeons and their teams become familiar with the da Vinci System through test drives, videos, and live case observations – then move on to building technical skills with online learning, simulation, and hands-on training at one of Intuitive's training centers.

The second two phases consist of progressive, peer-to-peer clinical skill advancement, including plans for initial case series and continued surgeon development through mentoring, surgeon-led programs, and advanced simulation.

(Notes on Training: Intuitive facilitates access to peer-to-peer training and proctoring so that surgeons can continue their advanced surgical learning. Hospitals and surgical facilities establish and maintain their privilege policies for surgeons. Our direct training is limited to technology training. We do not have the right to grant or withhold surgical privileges.)

About Ion

In 2019, the US FDA cleared the Ion endoluminal system, expanding Intuitive's minimally invasive platforms to include a tool that can enable minimally invasive peripheral lung biopsies. In early 2023 the Ion system received CE-Mark.

In 2022, 2.7 million new cases of cancer were diagnosed, and 1.3 million people died in 2022 from cancer in EU countries. 19.5 % of these deaths are due to lung cancer.¹

The Ion system uses an ultra-thin articulating robotic catheter that can move 180 degrees in all directions. Physicians navigate the 3.5 mm catheter through small and tortuous airways to reach nodules in any airway segment within the lung. Ion uses fiber optic shape-sensing technology that provides the physician with the precise location and shape information of the catheter throughout the navigation and biopsy process.

We continue to collect clinical data through ongoing clinical studies in hospitals throughout the United States. These studies may provide us with additional insights as to how Ion can further assist physicians in achieving lung nodule biopsies.



Ion endoluminal platform

By the numbers - Intuitive in Europe

1995	Intuitive is founded
1999	The da Vinci surgical system receives CE-Mark approval
2023	The Ion endoluminal system receives CE-Mark approval
2024	The da Vinci Single-Port system receives CE-Mark approval
30	Years during which Intuitive has developed innovative approaches in the field of minimally invasive surgery
16,94 million+	Procedures completed using da Vinci systems worldwide to date
2.68 million+	Procedures performed using da Vinci systems in 2024
410,000+	Procedures performed using da Vinci systems in Europe in 2024
10,670+	Da Vinci systems in hospitals around the world
1,700+	Da Vinci systems in Europe
800+	Ion endoluminal systems in hospitals around the world
88,000+	Surgeons trained to use the da Vinci surgical system worldwide
43,000+	Surgeons trained outside the USA
20+	Training centers in Europe, located in 14 countries
16,000+	Intuitive employees worldwide
1,400+	Intuitive employees in Europe
43,000+	Peer-reviewed scientific articles that reference Intuitive technologies to date
4,000+	Peer-reviewed scientific articles in 2024

(as of 01/2025)

About Intuitive

Intuitive (Nasdaq: ISRG), headquartered in Sunnyvale, California, is a global leader in minimally invasive care and the pioneer of robotic-assisted surgery. Our groundbreaking technologies include the da Vinci surgical systems and the Ion endoluminal system. Digital intelligence allows us to unite our advanced systems, progressive learning, and value-enhancing services to help physicians and their teams optimize care delivery to support the best outcomes possible. At Intuitive, we envision a future of care that is less invasive and profoundly better, where diseases are identified early and treated quickly, so patients can get back to what matters most.

Advanced Systems

Intuitive's advanced systems include robotic platforms and innovative instruments designed to help physicians and their teams deliver minimally invasive care. Our products include the da Vinci surgical systems, comprising four generations of integrated, intelligent platforms for robotic-assisted surgery, and the Ion endoluminal system, a robotic platform that provides access deep into the peripheral lung, the site of many tumors.

Progressive Learning

Intuitive delivers an array of learning opportunities for healthcare professionals who use Intuitive technologies. Developed with significant input from clinicians, care teams, executives, and educational leaders, these include training pathways, learning engagements, and learning technologies. Intuitive's curricula is designed with the goal of helping expand the capabilities and build the technological proficiency of physicians and care teams across the globe.

Value-Enhancing Services

To enable our customers to harness the full potential of our offerings, Intuitive provides technical support and personalized program assistance to administrators, IT managers, and care providers. From responsive service and support to experienced consultation and data-driven optimization plans, our goal is to help customers and care teams maximize their program's performance and impact.

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For more information, please visit the [company's website](#). In our [newsroom](#), you can find photos of the da Vinci surgical systems.

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Reference

- ¹ European Commission, ECIS, Cancer Factsheets in EU-27 countries - [2022 New Cancer Cases and Cancer Death on the Rise in the EU](#), September 2023 (last accessed: February 2025)