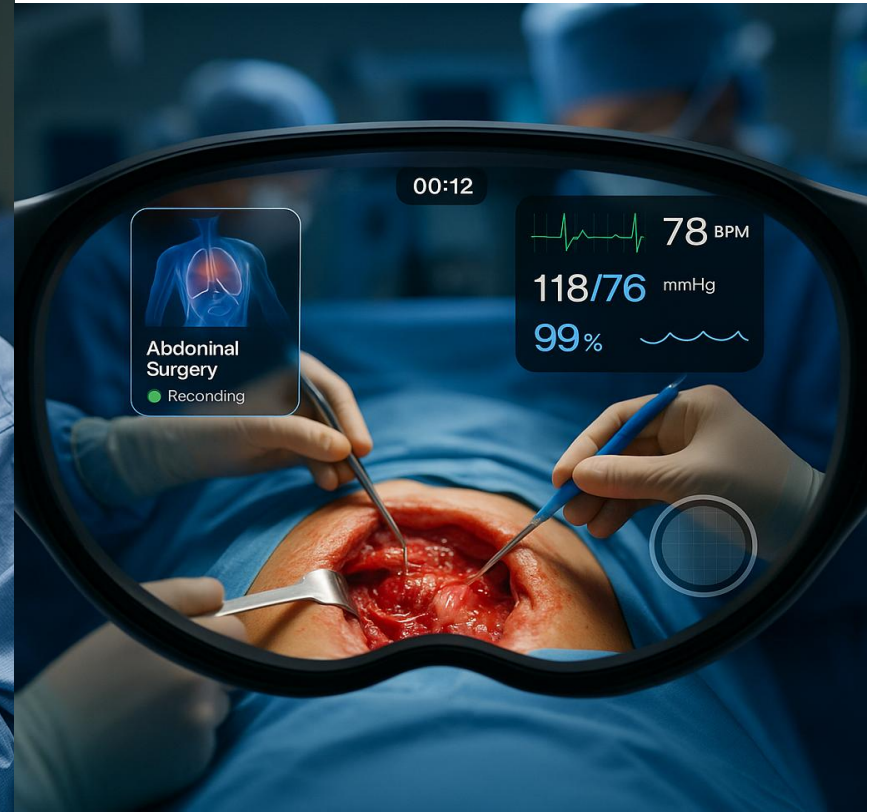


AI Online Developer + Hospital Presentation





“Learn Tomorrow’s Technology Today with Artificial Intelligence”

Mark Kembel
Founder A. I. Online Developer + Inc.
A I Software Engineering Training Firm



Mark’s success in his first company interTest.com was achieved by partnering with Volt and Microsoft to train Software Test Engineers for them.

5 years as a Microsoft Test Engineer and Manager

CEO and Founder of **interTest.com Inc.** a live training company that trained 200+ Testers for Microsoft.

Developer of Software Test Development Engineer, Machine Learning & Program Manager online courses.
Instructor at Green River Community College, Portland CC and Shoreline CC for Software Testing.

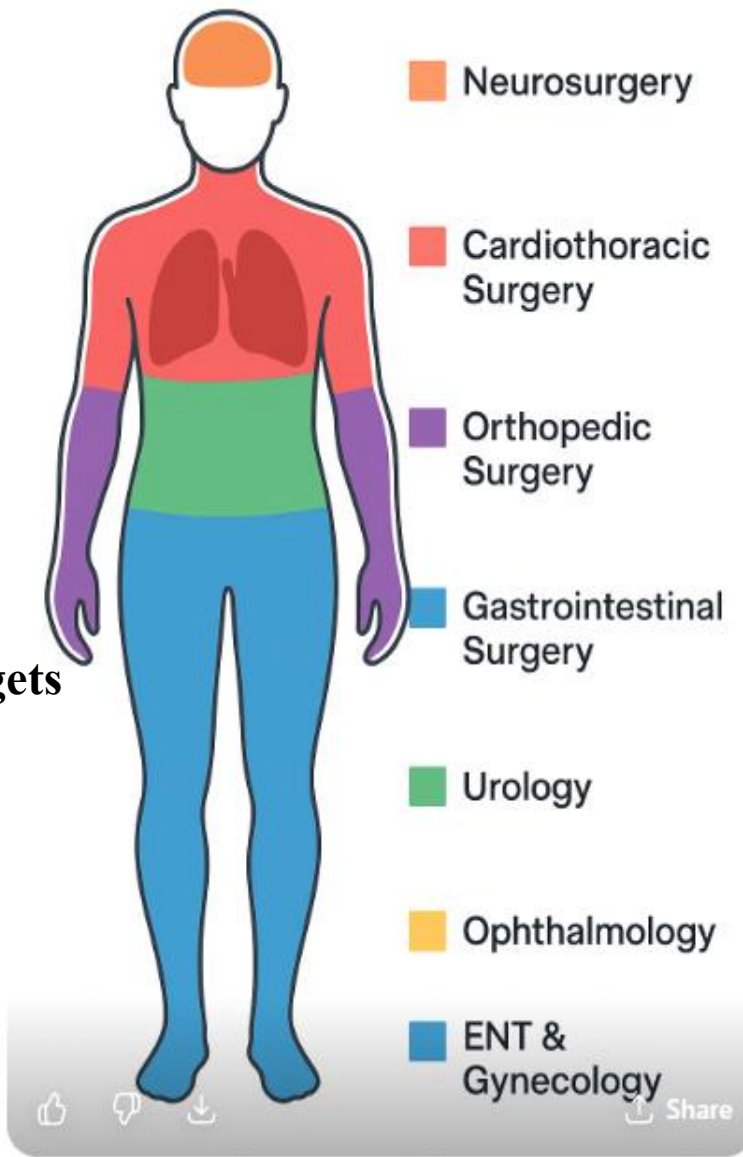
website www.AIONdevplus.com **AI will not take your job, someone using it will.**

markkembel@gmail.com for questions or to sign up.



💡 **Top 5 “Billion-Dollar” Vision Pro Targets**

- 1. **Neurosurgery**
- 2. **Orthopedics**
- 3. **Ophthalmology**
- 4. **Cardiothoracic Surgery**
- 5. **Vascular Surgery**
- 6. **Cancer Surgery**



Specialty	Example Surgeries	Global Market Value (Est.)
Neurosurgery	Brain tumor removal, spinal fusion, aneurysm repair	\$60B+
Vascular Surgery	Aneurysm repair, carotid endarterectomy, stenting	\$40B+
Ophthalmology	Retinal surgery, cataract removal, corneal grafts	\$75B+
Urology	Kidney tumor resection, prostatectomy	\$40B+
Gastrointestinal Surgery	Liver resection, pancreatic tumor removal, bariatrics	\$60B+
ENT (Otolaryngology)	Sinus surgery, cochlear implants, throat tumor removal	\$30B+

AI-Powered Cancer Detection & Surgical Assistance System

Comprehensive Design Document with Milestones & Budget

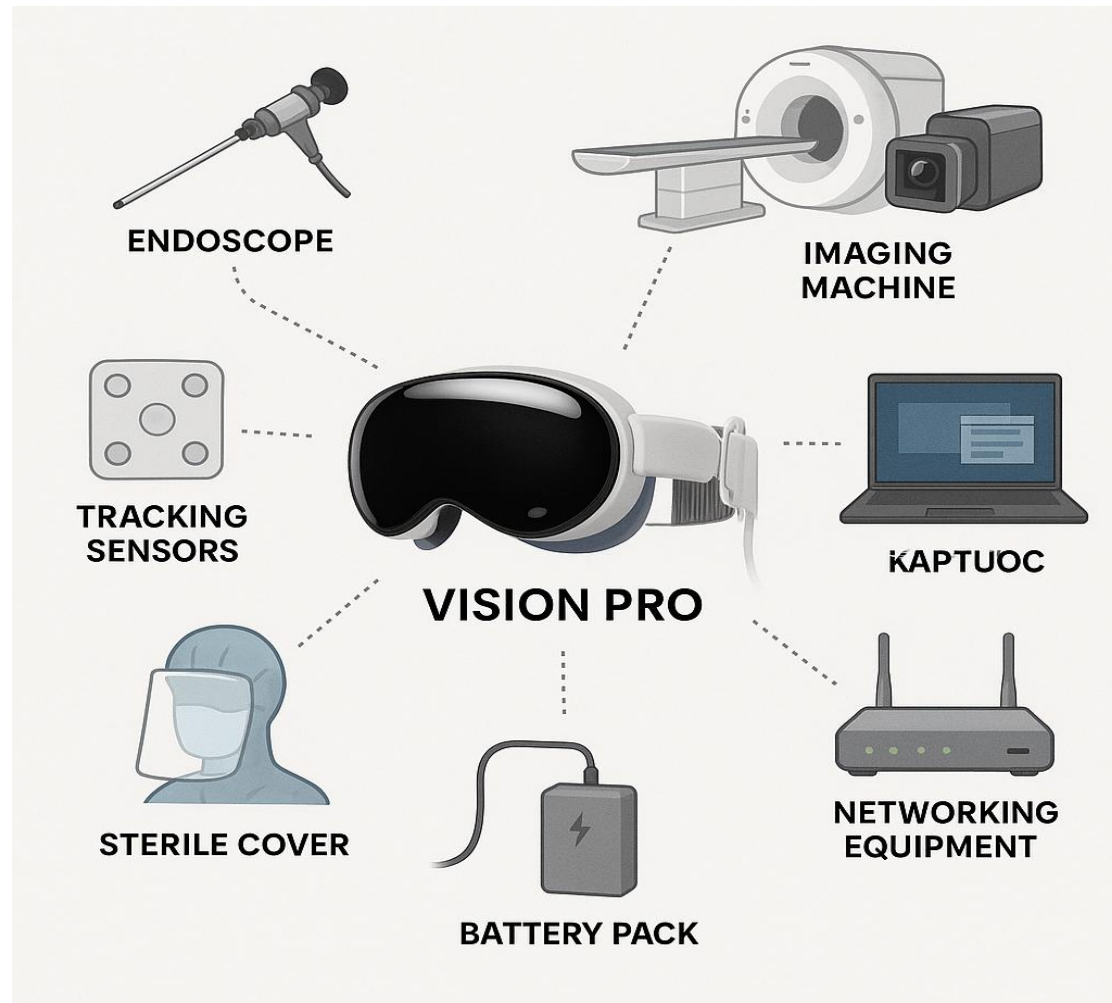
Executive Summary

This document outlines the development of an innovative AI-powered application for Apple Vision Pro that revolutionizes cancer detection and surgical procedures through spatial computing and augmented reality. The system integrates real-time medical imaging analysis, surgical planning, and intraoperative guidance to enhance diagnostic accuracy and surgical precision.

Competitive Positioning: Our flexible monthly subscription model of \$12,000 per month delivers exceptional value compared to the competitor's \$20K proposal, offering comprehensive development with proven methodologies and accelerated delivery through continuous monthly iterations. Or pay the \$100,000.00 for the year and save.

Early Cancer Detection Module Medical Imaging Analysis: AI-powered analysis of CT, MRI, X-ray scans
Multi-Cancer Detection: Breast, lung, prostate, colorectal, pancreatic, skin, and brain cancers
Skin Lesion Analysis: High-resolution capture and AI classification of skin lesions
Real-time Alerting: Immediate feedback system for healthcare professionals

Here is the additional equipment required for the Vision Pro for surgeries. Most of the equipment is already in the hospital. Before purchasing make sure your hospital has the equipment already. We supply a software program that converts images for the PCs for images such as tumors.



✓ Summary:

Tracking sensors aren't built into Vision Pro for surgical precision. They're **external systems** used in operating rooms, mounted in the OR and linked to existing surgical navigation platforms. You would typically source them from companies like Medtronic, Brainlab, Stryker, or NDI — not Apple. Would you like me to create a **second infographic** that shows the difference:

Vision Pro's **built-in sensors** (good for general AR), versus **External surgical tracking sensors** (needed for high-precision medical use)? That way, your investors and hospital partners instantly see why both are required.

- **Medtronic StealthStation** (commonly used in neurosurgery, spine, ENT).
- **Brainlab Curve Navigation** (high-end surgical tracking system).
- **Stryker Navigation** (orthopedic and trauma surgery).
- **NDI (Northern Digital Inc.)** Polaris and Aurora systems (optical and electromagnetic trackers used in research and ORs).

TRACKING SENSOR INTENSITY



High Use (Green)

- Neurosurgery (\$200,000)
- Orthopedics (\$190,000)
- Ophthalmology (\$180,000)

These specialties rely heavily on **precision navigation and tracking sensors** (optical, electromagnetic, or eye-tracking).

Moderate Use (Yellow)

- Cardiothoracic Surgery (\$170,000)
- Vascular Surgery (\$160,000)
- Cancer (\$100,000) *(depends on the surgery type*

—brain/breast/prostate use more sensors, others

less)

These use tracking sensors in certain procedures (catheter navigation, robotic surgery, tumor resections), but not as universally as high-use fields.

Low Use (Orange/Red)

- Gastrointestinal Surgery (\$100,000)
- Urology (\$100,000)

These rely more on laparoscopic/robotic visualization and less on dedicated tracking sensors, though robotics adds some tracking indirectly.

Sensor Tracking Usage

✅ Surgeries that rely heavily on tracking sensors

•Neurosurgery (\$200,000)

Uses neuronavigation systems with optical or electromagnetic tracking sensors to precisely guide instruments relative to brain structures. This is one of the most sensor-intensive fields.

•Orthopedics (\$190,000)

Joint replacements (hip, knee, shoulder) often use optical or robotic navigation systems with tracking sensors to ensure implant alignment and bone cuts are exact.

•Ophthalmology (\$180,000)

Eye-tracking sensors are essential in laser surgeries (e.g., LASIK, cataract surgery), ensuring lasers or tools follow micro-movements of the eye.

•Cardiothoracic Surgery (\$170,000)

Increasingly uses sensors for catheter navigation, robotic surgery systems (like Da Vinci), and 3D heart mapping during minimally invasive heart procedures.

✅ **Most sensor-intensive:** Neurosurgery, Orthopedics, Ophthalmology

⚠️ **Moderate use:** Cardiothoracic, Vascular, Cancer (depending on type)

❌ **Lower use:** Gastrointestinal, Urology

⚠️ Sometimes use tracking sensors (depending on approach/tech)

•Vascular Surgery (\$160,000)

Endovascular procedures often rely on fluoroscopy and imaging, but advanced labs may incorporate electromagnetic tracking sensors for catheter and stent navigation.

•Cancer (\$100,000)

Depends on the surgery type. Tumor resections (brain, breast, prostate) often use tracking sensors for image-guided navigation, but systemic cancer surgeries (like open abdominal resections) rely less on them.

Limited or indirect use of tracking sensors

•Gastrointestinal Surgery (\$100,000)

Most GI surgeries rely on laparoscopic or robotic visualization rather than dedicated tracking sensors, though robotic platforms may include instrument tracking.

•Urology (\$100,000)

Robotic prostatectomy or kidney surgery uses robotic arms with tracking, but not as sensor-intensive as neurosurgery or orthopedics.

Subscription Cost Table with Vision Pro Integration per Year for Hospitals

Total Subscription Value: \$1.2M USD Bundle deal \$1 Million USD
3 Vision Pro glasses included in price for each program if you pay the Assigned Subscription Cost.
Some countries Internationally will receive a discount. When calling Identify your country.
For pricing outside the United States, Europe or Middle East email markkembel@gmail.com for prices.

Surgery Specialty	Assigned Subscription Cost	Monthly Payments USD
Neurosurgery	\$200,000 USD	\$20,000
Orthopedics	\$190,000 USD	\$17,000
Ophthalmology	\$180,000 USD	\$16,000
Cardiothoracic Surgery	\$170,000 USD	\$16,000
Vascular Surgery	\$160,000 USD	\$15,000
Cancer	\$100,000 USD	\$12,000
Gastrointestinal Surgery	\$100,000 USD	\$12,000
Urology	\$100,000 USD	\$12,000

SUBSCRIPTION COSTS

	SURGERY	COST
	NEUROSURGERY	\$200.000
	ORTHOPEDICS	\$190.000
	OPHTHALMOLOGY	\$180.000
	CARDIOTHORACIC SU	\$170.000
	VASCULAR SURGERY	\$160.000
	CANCER	\$100.000
	GASTROINTESTINAL	\$100.000
	UROLOGY	\$100.000





Research Summary

I'm developing a groundbreaking AI-powered software integrated with augmented reality (AR) glasses to transform cancer detection and surgical procedures. This innovative technology enables real-time identification of cancerous tissues, assisting surgeons during operations and reducing reliance on external monitors. By overlaying critical imaging data directly into the surgeon's field of view, it enhances precision and efficiency in the operating room.

Vision Pro Summary

Applications in Cancer Surgery

Applications in Orthopedic Surgery

Apple Vision Pro in Heart Surgeries

Our AI system is designed to analyze various medical imaging modalities, including CT scans, MRIs, and X-rays, to detect multiple cancer types such as breast, lung, prostate, colorectal, pancreatic, skin (including basal cell carcinoma, squamous cell carcinoma, and melanoma), and brain cancers.

All these surgeries listed in the middle of the page are on our list for developing a program for using Vision Pro in surgeries.

Email the following:
markkembel@gmail.com



AI Online Developer +

**We are offering a special deal
\$70,000, Presale payment on
your order of our Vision Pro
program for Cancer Detection
so if you pay now, you will get
a \$30,000 discount on the
program. Email us to learn
how to enroll.**

Thank you for your time,

Mark Kembel
CEO, CTO & President
AI Online Developer +
markkembel@gmail.com
AI Online Developer +
425.403.5468

**If your hospital is
located outside the US,
you will get your order
as soon as we get our
stock offering
underway. It takes 5
months to develop the
program.**

**If your located in the
US and want to
participate in the FDA
trials then we can sign
you up as soon as the
program is ready.**