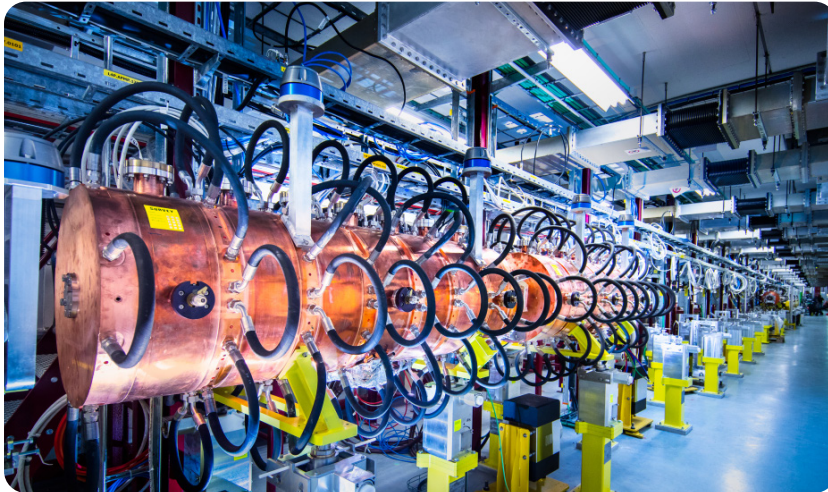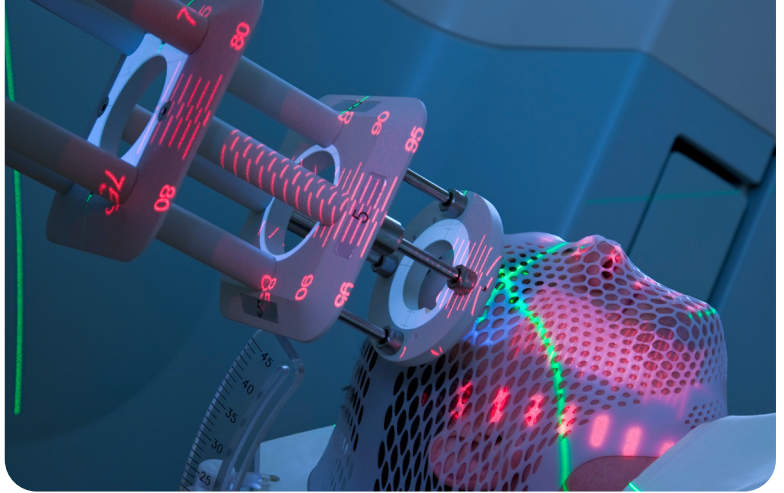# COSYLAB

Advancing humanity.
Engineering remarkable.

Complex medical devices

Medical device startups and innovators,

get your medical devices to patients faster and save substantial time to keep innovating. We will help you design, engineer and build your complex device.

Accelerators

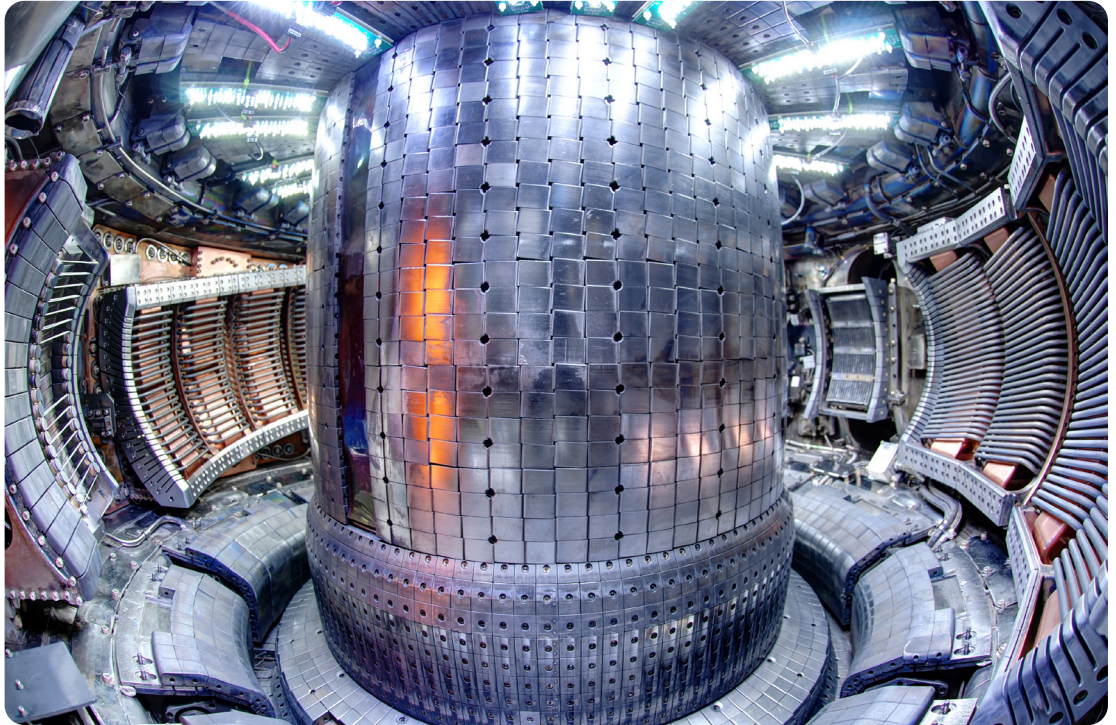**Scientific institutes and commercial organizations,**

mitigate development risk, shorten the time to delivery, and reduce the total cost of ownership. Rely on our deep expertise in accelerator control systems and management of complex projects. We ensure project completion in the defined project timeline.

Radiation therapy

Radiation therapy device manufacturers,
bring your devices to life faster, with lower risks, and offer the best technology for cancer treatment.

OncologyOne software suite includes all the software you need to run your devices, from LINACs to complex systems for particle therapy and BNCT. It enables seamless integration, simple and safe operation, and the shortest time to market.

Fusion

Fusion energy organizations,
reach your next milestone faster and safer. Our decades-long contribution to the fusion community, including the ITER project, and our extensive experience in diagnostics, control systems and subsystems development will allow you to innovate and offer clean energy sooner.

Astronomy

Research organizations, reliable control systems for your observatories and standalone telescopes will allow you to keep focused on scientific discovery. Our technology assures thousands of components and astronomic instruments will perform observations synchronously now and for years to come.

Space

Space industry organizations,

establish your software systems faster and shorten time to market while lowering business risk. Leveraging our vast engineering expertise in highly regulated environments will allow you to concentrate on space exploration.

Your reliable partner for complex software solutions

We have a proven track record of successfully delivering highly demanding projects requiring extensive domain knowledge and deep expertise in developing complex software solutions, such as large-scale distributed control systems and medical-grade software. With a profound understanding of physical operational principles and clinical workflows, coupled with our ISO-certified processes, strict project management and quality assurance, we deliver best-in-class software solutions to organisations of all types and sizes.

400+ successful projects

20+ years of experience & know-how

300+ skilled engineers

6 locations worldwide

30+ PhD Holders from STEM fields

20 % annual growth rate over 15 years

Certified with
ISO 9001, 13485

Highest credit rating
SB1 (AA by S&P)

Compliant with
ISO 14971, IEC 62304

Our references

ALMA · CERN · DESY. · esa · FAIR · iba · iter · LEO Cancer Care · MASSACHUSETTS GENERAL HOSPITAL

MedAustron · MEVION medical systems · Northwestern Memorial Hospital · PROTOM proton therapy technologies · refleXion · SLAC NATIONAL ACCELERATOR LABORATORY · varian

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About Cosylab

Cosylab is the leading provider of cutting-edge expertise, turnkey software solutions, and electronics for the world's most advanced systems and devices, such as particle accelerators, large telescope arrays, fusion reactors, innovative medical devices and cancer therapy systems. Our turnkey software solutions enable organizations to make scientific breakthroughs, deliver state-of-the-art cancer treatments, develop healthcare innovations and bring clean fusion energy to the world.

We help organisations of all sizes and scopes accelerate development and shorten time-to-market with our unique end-to-end capabilities. Our solutions are integrated into the most significant Big Science international projects, including CERN and ITER. We provide software products and services to the largest medical device manufacturers and cancer centres worldwide, such as Varian and MGH. Our engineering expertise helps innovative medical start-ups get their medical devices to patients faster.

From our headquarters in the EU and subsidiaries across Europe, North America and Asia, we have worked on hundreds of multi-year and multi-people projects worldwide.

www.cosylab.com

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