

MEDICAL DEVICE SOFTWARE DEVELOPMENT SERVICES

Reduce the Risk, Cost, and Time It Takes to Get Your
Medical Device to Market

We have the experience and infrastructure to
efficiently get your medical device to market

Your trusted source for medical device software from embedded to cloud



Development

From firmware to embedded applications, we have the frameworks and know-how to provide complete and robust solutions for class II and III devices.

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Applications

Whether SaMD or BLE connected, we have the experience, and regulatory expertise for iOS and Android for medical devices.

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Applications

Utilizing our certified CypherMed Cloud solution, we can quickly get an efficient, secure, and effective cloud solution for your device.

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All of the above engineering development services include regulatory compliance to FDA and IEC 62304 standards

Streamline your technology innovation with a partner committed to making medical device development more efficient and cost effective

We have invested in the creation of verified frameworks and infrastructure required to simplify productization of medical devices

Medical Device Firmware and Software

Parlay is designed for the stringent needs of medical devices. The self-instrumenting codebase and libraries provide unmatched visibility and access to the system's internal data and functions. These powerful capabilities enable **faster development** and increased efficiency while still achieving the highest level of **safety** and **reliability**.

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Medical Device Cloud Platform

CypherMed Cloud was built for medical devices from the ground up to support the unique requirements and capabilities that robust medical device cloud management demands. HIPAA, GDPR, CCPA compliant solutions ready to integrate with your advanced Medical Device.

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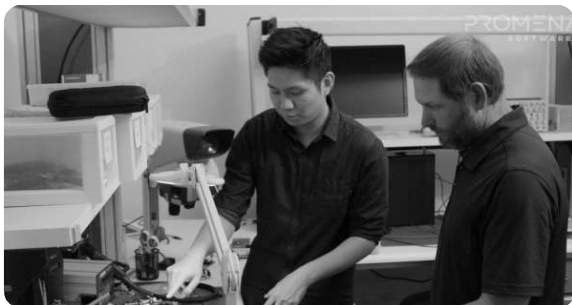
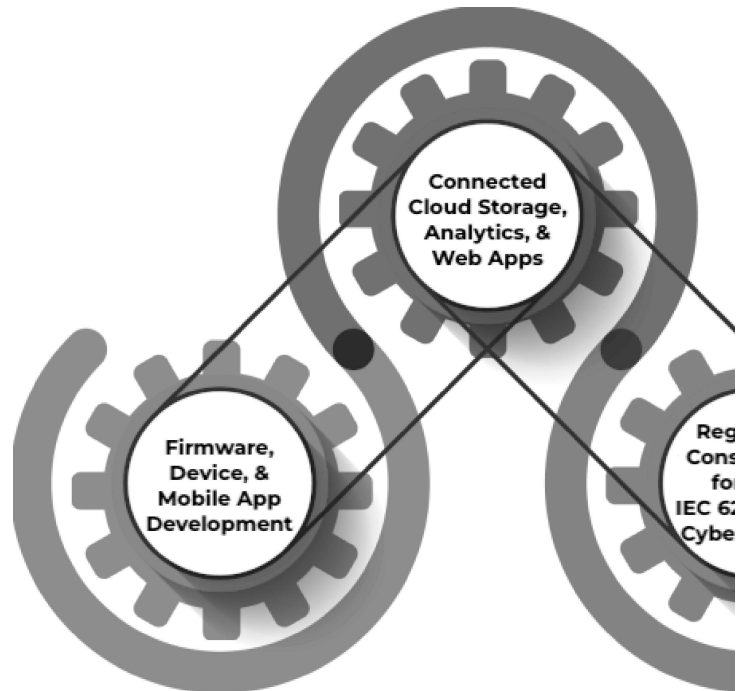
Regulatory Documentation

At Promenade we utilize a library of checklists and over 20 templates that have successfully been through multiple 510(k) submissions. We can assist you in completing your Design History File (DHF), compliant with FDA software and cybersecurity requirements, and IEC 62304.

[LEARN MORE](#)

Why Not Getting Your Product to Market?

Contact us to learn how our platform is built to reduce the risks, time, and cost throughout the entire product life cycle, from prototype through production.

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U.S.-Based Software Engineering Experts

All of our our engineers hold C.S., C.E., or E.E. degrees or equivalent, with years of relevant experience. We never off-shore our work - all work is done from Southern California.

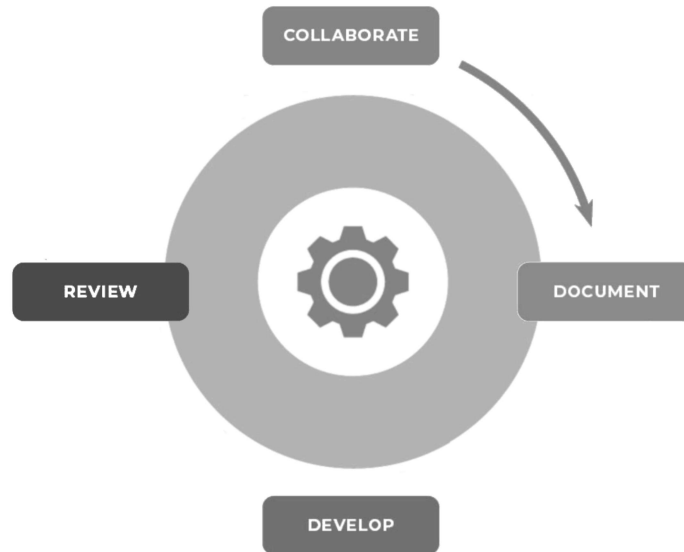
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REVIEW

We provide verification reviews, code review, and test documentation for the Design History File (DHF). This ensures that the controls are in place and the software is of the utmost quality.

DEVELOP

We bring our breadth of software experience, knowledge, pre-validated libraries, and tools to ensure that your project will be developed efficiently and to the highest standards.



COLLABORATE

Our team of expert software engineers, work WITH you to refine requirements, recommend solutions, and create a sustainable software architecture to meet the needs of your project.

DOCUMENT

Using our ready-made templates and checklists, we provide the complete Design History File (DHF) for the software, compliant to FDA 510(k) and IEC 62304 standards.

What Our Clients Have to Say

"Promenade is a key partner for us. They helped us develop and remediate products with the best-in-class cybersecurity stance, which is extremely important for patients, our clinicians and for us, a medical device company."

"We approached Promenade about creating an end-to-end solution software platform fully compliant with FDA requirements, quality systems management and FDA grade deliverables."

"Promenade Software was instrumental in helping DxTerity get our COVID-19 testing launched using their [cloud] platform. It allowed us to rapidly develop a secure and complex workflow to support both employee testing and

Dr. Erik Von,
President,
Wave Neuroscience

Tim Guyon,
Principal Scientist,
DxTerity

View Case Studies



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ABOUT
PROMENADE SOFTWARE

Promenade Software, Inc.
specializes in software
development for medical devices
and other safety-critical
applications.
Promenade is ISO 13485, and
CypherMed Cloud is SOC2 Type II
certified.



ISO 13485:2016
ISO 9001:2015
QUALITY MANAGEMENT CERTIFIED