



Healthcare

# Connected Medical Devices & IoMT

*Engineer next-generation total experience (TX) centric connected smart devices*

The Internet of Medical Things (IoMT) has proven its capabilities and applicability in Smart Healthcare systems. IoMT devices have become popular in our daily lives, and the industry is working hard to increase these devices' accuracy, reliability, and productivity.

To provide improved and efficient patient outcomes, the IoMT solutions bring together the connected devices, platforms & mobile applications to enhance the care delivery processes. It connects patients, clinicians, and caregivers through digital interfaces and platforms to provide services and collect data. With evolving artificial intelligence and machine learning techniques, this data is used for optimizing the cost and effectiveness of care. The benefits include,

- An enhanced patient experience
- Simplified remote monitoring of patients and diseases
- Improved disease management, patient outcome & drug management
- Optimized costs

## Digital Solutions

ACL Digital's Total Experience guided design process helps in designing platforms & developing solutions such as:

- Software as a Medical Device (SaMD)
- Connected medical devices/care systems
- Digital Therapeutics solutions
- Managing patients, clinicians, and caregivers
- Support for different form factors (web and mobile platforms)
- Use AI/ML-based intelligent data insights for delivering high-quality solutions

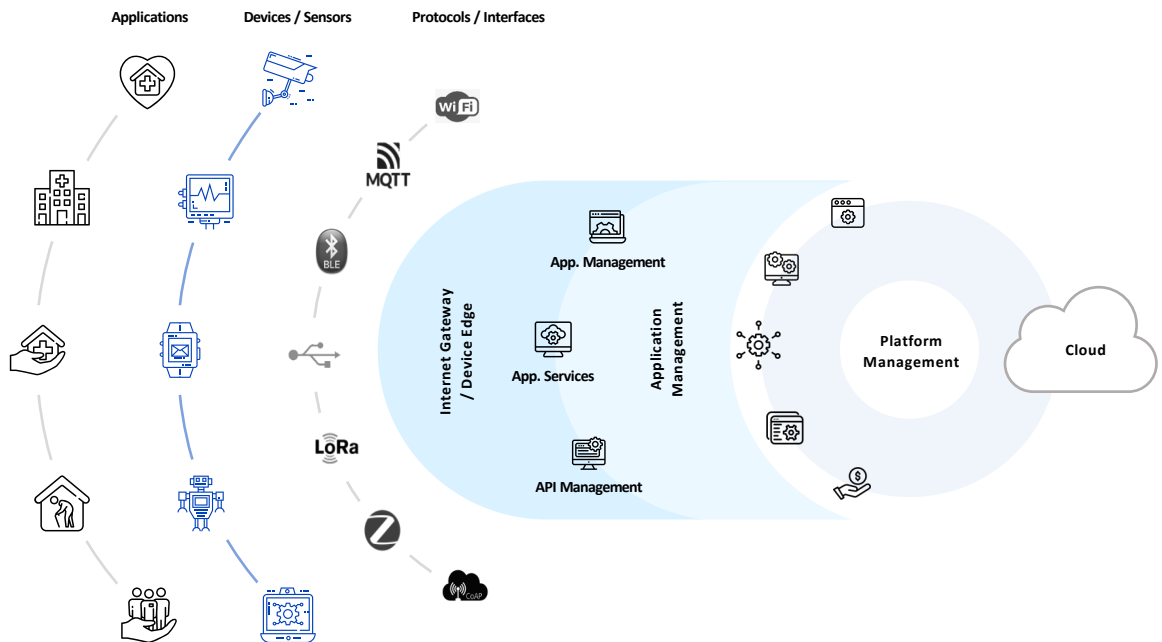
## Connected Platforms

ACL Digital's connected platforms and frameworks like Iotify and DigitalOne provide faster IoT/IoMT adoption. Build, deploy & manage applications, gateways, sensors, and devices from these platforms.

## Security and Compliance

The secure integrations and compliance of the IoMT devices and data security is the need of the hour. At ACL Digital, we help our customers with,

- Platforms that can run MLOps and analyze device performance, diagnostics, and therapeutic interpretations.
- Building AI dashboards for analytical outcomes, model performance, regulatory and security scorecards
- Securely managing IoMT devices and their integrations with the HDO backend computing resources using CARTA strategies for continuously improving security.
- These include asset discovery, risk analysis, risk mitigation, event detection and response, and device analytics, together with computerized maintenance management systems.



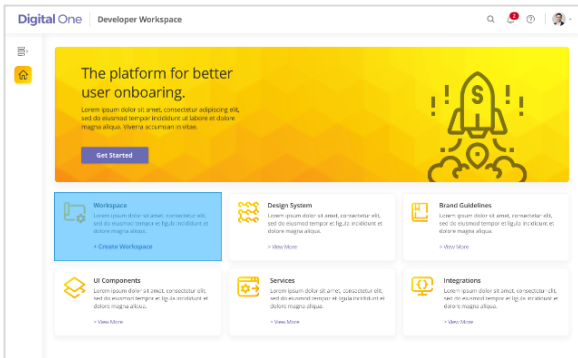
# Solutions

ACL Digital's Connected Medical Devices and IoMT healthcare solutions provide an integrated ecosystem comprising home grown solutions.

## IoTify

*Integrated IoMT cloud framework*

IoTify is a flexible, secure, and feature-rich multi-platform IoMT cloud & application framework specially designed for medical devices.



## DigitalOne

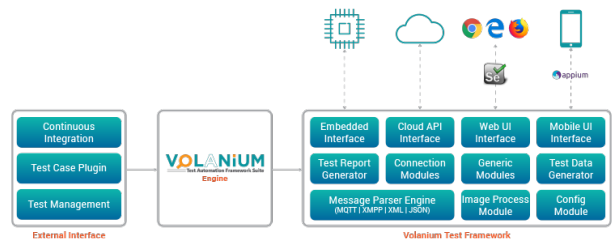
*Accelerate your digital transformation*


A robust engineering platform for developing secure, compliant applications that helps in unifying and streamlining the business operations and IT systems.

## Volanium

*Comprehensive IoMT test automation framework*

Volanium framework leverages end-to-end testing to assure optimum performance of all the variables of IoMT (in-home, on-body, community, in-hospital, regulatory) enabled mobile, cloud, embedded and web solutions.





## ACL Digital Healthcare

ACL Digital's Healthcare Practice works with healthcare organizations to engineer personalized Total Experiences - anytime, anywhere, and on demand. Our design-led engineering services have provided secure, compliant, interoperable Digital Healthcare and Medical Device Engineering solutions accelerating digital innovation, driving business transformation, and enabling industry-wide convergence. With a "Digital First and Total Experience" philosophy, we are the partner of choice for global MedTech, Medical Devices/OEMs, and ISVs, in their Digital Healthcare, Omnichannel Patient Engagement, Virtual First care (V1C), Connected Medical Devices, and Digital Front door strategy implementation journey.

- By uniting analytics, compliance, UX, cloud, and interoperability, we offer unique, scalable Digital solutions that aim to enhance the quality, convenience, and personalization of care delivery.
- Leverages the triple trifecta (Cloud, Analytics, and UX for medical devices) to integrate data across disparate systems – from imaging to vitals to claims – helping cross-reference, match historical patient information, proactively identify illness, and engage with patients.

For more information, visit [www.acldigital.com/healthcare](http://www.acldigital.com/healthcare)

## ACL Digital

ACL Digital, an ALTEN Group Company, is a digital product innovation and engineering company. We help our clients design and build products (AI, Cloud, and Mobile ready), content and commerce-driven platforms, and connected digital experiences for the modern world through a design-led Digital Transformation framework. By integrating our strategic design, engineering, and industry capabilities, we help our clients decode the digital world and accelerate their growth journey.

We are a trusted Digital Transformation and Modernization partner, combining deep technical expertise and industry knowledge to help our customers deliver solutions with a "Total Experience" philosophy. Our offerings and proven frameworks create exponential value and competitive advantage for our customers by giving them the power to IMAGINE, INNOVATE, TRANSFORM and SUSTAIN enterprise digital core.

For more information, visit [www.acldigital.com](http://www.acldigital.com)



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