Healthcare

Data & AI Powered Intelligent Healthcare

Data-Driven Decisions Empower Value-based Care in Health Systems

ACL Digital's intelligent solutions create value from care and operations data. The surge in the volumes of data generated by healthcare organizations, stringent data compliance rules, and more extensive adoption of connected medical devices; are some challenges addressed by our curated solutions to enhance the Data-to-Decisions journey.

Healthcare data is vital for hospitals; managing health systems' clinical and administrative operations data daily is a challenge. Our solutions help to consolidate data around health applications and provide collective insights to patients and physicians. Using AI & Analytics, ACL Digital reinvents healthcare to provide targeted and tangible benefits to all aspects of the patient experience and, subsequently, the business.

- Simplify patient care with a single platform for consultations, medications, treatment, preventive care, and vital information.

- In a single screen, information from lab results, past consultations, medications, and patients' vitals will support doctors in clinical treatment decisions and reduce the risk of disease for preventive care.

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Data Intellect

Data integration with a central data strategy is essential for delivering high-value healthcare. With data growing at an exponential rate, it's crucial to leverage the data for clinical and operational decisions to support and deliver value-based healthcare.

ACL Digital's Data Intellect solution:

- Simplifies the data integration from various data sources
- Creates curated data zones for the role and domain-specific consumptions
- Covers data profiling to data quality and data governance processes.

Healthcare Compliant Cloud Migration

ACL Digital's cloud migration and integration services bring data from on-premises applications to the cloud by blending healthcare PaaS & SaaS services for customized, secure, and scalable data solutions.

- Microsoft Azure for Fast Healthcare Interoperability Resources (FHIR) implementation
- AWS FHIR Works, an open-source software toolkit for the FHIR framework
- Google Cloud Healthcare API solution with fully managed, enterprise-scale, HL7® FHIR®, HL7® v2, and DICOM® APIs

Healthcare Analytics

Visualization and analytics services are platform agnostic. Whether it's insights data stories for operational data or what-if analysis for predictions, trend analysis, conversation BI, and self-service powered by Q&A sections; ACL Digital visualization experts solve it all.

Intelligent (AI/ML) Solutions

Utilizing the data, we focus on creating value through AI to empower different stakeholders of the healthcare system. At ACL Digital we emphasize on:

- Trust and transparency-based solutions for delivering value through AI
- Utilizing industry best practices to build powerful AI solutions that can transform care, experience
- Providing value to care providers through data, predictive intelligence-assisted diagnosis, and intelligent remote patient monitoring systems.
- Having clear protocols in place to identify, evaluate and mitigate risks.

AI & Data Powered Intelligence in Healthcare

Remote patient care via virtual interaction through voice and behavioral analysis

Automated Continuous assessment of mental & psychological behavior of patients & public

Smart ICU surveillance and alert system

Continuous monitoring and assessment of medical devices performance deterioration

Medical Insurance documentation correctness assessment and process automation

Automatic identification and assessment of Radiology Images and ECG/EEG data

Post-discharge Patient care through remote adherence and remote care

Remote patient Adherence monitoring

Virtual Nurse for Preventive & Prescriptive care

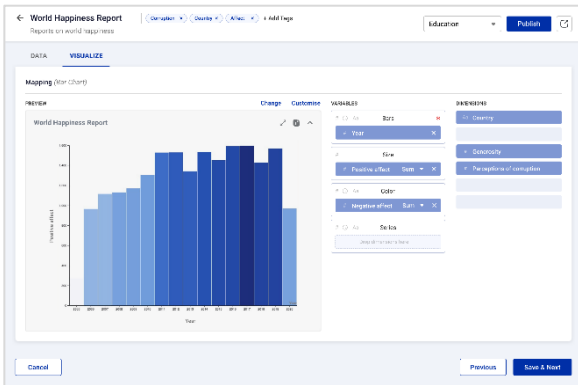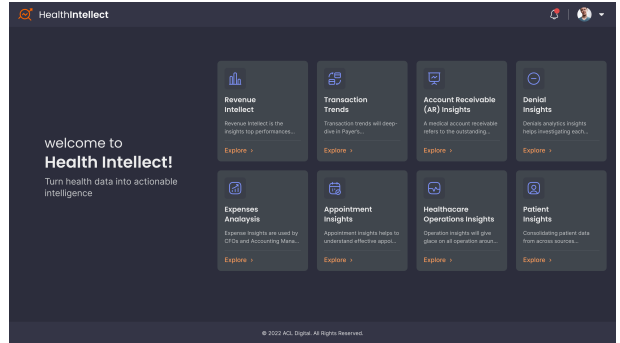**ACL Digital**
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Solutions

ACL's digital numerous solutions aids to enhance your Data to Decision expedition.

HealthIntellect

Turn health data into actionable intelligence

Data-driven decisions delivered with intelligent technologies enable value-driven care delivery.
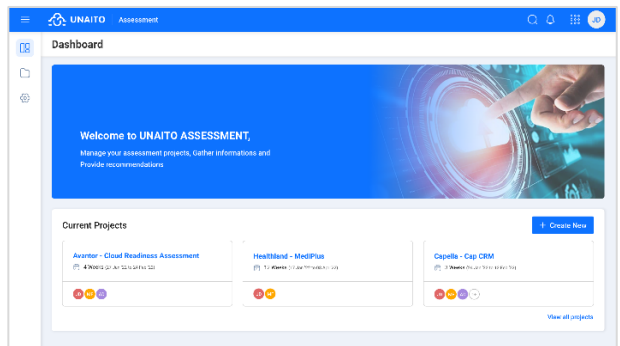

VizStudio

A data studio for customizing self-services insights

A visualization data studio to create customized, personalized and self-service health insights with great ease.

Unaito

Secure cloud for Healthcare

A framework to provide a seamless, scalable and unified, AI & automation experience to project management executive by leveraging cloud automation and AI.

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

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.

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