DLH Innovation Labs

Transforming Data, Unleashing Actionable Insights

We exist at the nexus of scientific research and technology.

DLH has created an environment where strategists, solution architects, and technologists can transform data into intelligence and actionable insight. We advance mission readiness and drive public health research, building upon decades of experience developing technology-based solutions and specialized services for critical challenges.

Boosted efficiency. Improved productivity. Cost reductions. And improved outcomes across the globe.

Whether on-site, virtually, or within our growing network of laboratories, we have built an ecosystem for innovation, where our experts elevate enterprise-level data analysis with zero trust cyber security, greater speed, sharper responses, and unmatched precision. We produce cutting-edge prototypes, fully immersive simulations, and advanced AI data processing speeds which empower decision makers with the data they need to produce the breakthroughs required to shape the future.

Our Nexus team transforms complexity into definitive, actionable insight for your with unmatched accuracy, fidelity, and speed.

CYCLONE

Computational Power for Advanced Data Science

An AI-powered data science engine, Cyclone processes more than 50 data streams simultaneously, tailored to specific scientific domains. Our system can be fed data from a nearly unlimited number of potential sources, including clinical (electronic health records), geospatial, biometric, atmospheric, and beyond.

We use machine learning and semantic ontologies to organize diverse data elements into a Logic Data model that can facilitate real-time analysis. Armed with that data and leading-edge processing speeds, Cyclone yields real-time analytics, visualizations, decision support information, and a data repository which can be used by decision makers of all stripes to refine processes.

Our experts extract deep insights from complex data – within cloud-based, rapid-development environments.

Contact Us for More Information

✉ WorkWithUs@DLHcorp.com   🌐 www.DLHcorp.com

NEURA™

Next-Generation Environment for Unified Research and Analysis

NEURA marks a bold leap into the future. We fuse cutting-edge data analytics, applied ontologies, and immersive full-dive virtual reality to transform how knowledge is explored, understood, and acted upon.

Leveraging the computational power of Cyclone, NEURA uses biometric data for extended reality human performance assessment. A suite of biometric tracking sensors and hardware tracks human performance in simulated environments. Our data engine employs semantic ontologies and AI/ML to ingest that information and produces custom fit reports and a host of data visualizations to enable users to more precisely examine performance.

Our cutting-edge modeling, simulation, testing, and training capabilities empower your team to move faster, think sharper, and make critical high-stakes decisions with confidence – maximizing the probability of your success. DLH NEURA elevates and enhances mission readiness.

DIGITAL SANDBOX

Test. Validate. Refine.

We build digital sandboxes where customers and partners can explore, test, refine and incubate bold new ideas and innovations.

These environments are secure, with integration points to the cloud and to existing customer infrastructure as required. Within pre-production spaces, developers can prototype and test tools and procedures to modernize IT, optimize systems, train personnel, and experiment with emerging technologies such as artificial intelligence (AI) and augmented reality (AR).

The sandboxes accelerate innovation through rapid prototyping, minimize real-world risks, and maintain operations, all while delivering data-driven decision support and leveraging DevSecOps automation aligned Zero Trust Architecture requirements.

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