



Port Authority Opportunity Zone™



ScanPort™
 Metro | Special Improvement District
 Qualified Opportunity Zones
 DX-Digital Transformation
 P3 – Private | Public | Partnerships

HGVS HealthPort™



▶ O|Zone™ Innovation Hub



▶ O|Zone™ Special Improvement District metro

an holistic approach to advanced “DX” extreme digital research, discovery and infrastructure
At the core of this O|Zone™ Initiative is the Innovation Hub — a community-centered catalyst designed to unlock digital and local economic growth, elevate well-being, and foster inclusive prosperity.

By establishing an O|Zone™ Special Improvement District – Metro (“mOSID”), a purpose-built legal framework is enabled to accelerate Digital Transformation (DX) in underserved metropolitan areas. This structure supports targeted investments and programs that measurably improve quality of life, digital inclusion, economic expansion and neighborhood resilience.

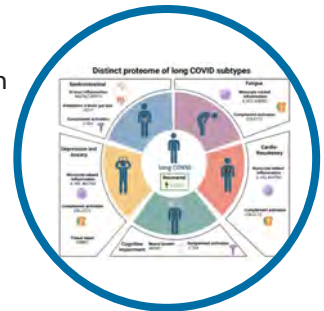
The first deployment within the Innovation Hub is HGVS™ ScanPort™, a next-generation diagnostic platform focused on Long Covid Disease and other complex, emerging health conditions. By integrating advanced digital imaging with AI-assisted analytics, ScanPort™ is designed to deliver early detection, clinical clarity, and community-centered wellness—anchoring the Hub with critical infrastructure to improve both individual outcomes and public health resilience.

▶ Long Covid Disease a growing health crisis

An holistic approach to imaging, diagnostics, research, and treatment

A central feature of each O|Zone™ mOSID is a ScanPort™, a collection of advanced digital health nodes delivering one of the most sophisticated AI-driven imaging platforms available.

With over 80 million U.S. residents affected by more than 200 documented Long Covid Disease symptoms, the need for early, comprehensive evaluation is urgent. ScanPort™ expedites this process through state-of-the-art digital imaging and AI-powered diagnostics, enabling clinicians to rapidly assess current patient health, detect subtle anomalies, and accelerate pathways to care. Wellness and healthcare are fundamental to enhancing Community.



▶ Port Facilities infrastructure • imaging • research • cdi

infrastructure • monitoring • control • curated digital intelligence • observations
Each ScanPort™ is strategically located in underserved metro areas within an O|Zone™ Special Improvement District, specifically aligned with Qualified Opportunity Zones.

The modular infrastructure includes dedicated imaging Pods, each housing newly FDA-approved digital imaging technologies paired with AI-assisted diagnostics. These facilities are designed to rapidly assess the evolving impact of pandemics, environmental stressors, and other emerging conditions—supporting both immediate diagnostic needs and long-term wellness monitoring through curated digital intelligence (“CDI”).

▶ Digital Twins digital assets

data capture • visual diagnostics • ai|4D|DigitalTwin • digital assets • ai research

ScanPort™ includes multiple imaging Pods, each dedicated to a distinct digital imaging modality. This approach enables full-body and region-specific scans across three dimensions:

- i) AI-assisted visual imaging, ii) RAW and frequency-layered data, and
- iii) Photon-counting AI technologies powered by Curated Digital Intelligence™ (“CDI”).

Each person's data is secured in an encrypted InfoVault™, a personalized ai|4D|Digital Twin, transforming imaging into digital assets for diagnostics and real-time research insights.



A focus on digital intelligence initiatives of mOSID is to facilitate healthcare discoveries.

ScanPort™ mOSID

Advanced Imaging | Visual Diagnostics | ai|4D|Digital Twin

The ScanPort™ Initiative introduces a new class of port facility focused on research, advanced imaging, diagnostics, and monitoring of international pandemic, environmental, and emerging health conditions that impact human wellness. These facilities are strategically located in underserved metropolitan areas designated as Qualified Opportunity Zones (QOZs).

All Pods are deployed within a unified Innovation Hub, structured as a metro Special Improvement District (mOSID) to support infrastructure, economic development, and community-based access to next-generation diagnostic care.

SCANPORT™ - IMAGING | VISUAL DIAGNOSTICS

Each ScanPort™ is built to construct a medically grounded Human DigitalTwin™, layering diagnostic data from multiple modalities in a precise, sequential process. This integrated imaging architecture transforms raw imaging into a dynamic, AI-augmented health model.

Layer 1: Robotic X-Ray

Skeletal Foundation - Twin Robotic X-ray provides exact skeletal measurements, establishing the structural baseline of the DigitalTwin™. This is essential for posture, alignment, orthopedic assessment, and serves as the core reference geometry for all other modalities. Its robotic automation ensures consistent image capture across patients and time.

Layer 2: Digital PET|CT – Inflammation & Cancer Insight

Whole-body PET|CT offers cellular-level metabolic imaging, identifying systemic inflammation, early-stage cancers, and high-uptake anomalies. This layer adds the functional “heatmap” of the body, guiding attention to silent or emerging conditions invisible to structural imaging alone.

Layer 3: Alpha 3D CT – Vascular Clarity Without Invasion

Photon-counting CT reveals non-invasive, high-resolution arterial blockage mapping, including in-stent visualization and plaque morphology. This replaces the need for invasive catheterizations in many cases, delivering full coronary artery models for cardiovascular risk analysis and DigitalTwin™ vascular layer development.

Layer 4: MRI – Organ, Brain, and Tissue Profiling

Advanced 3T MRI delivers extraordinary soft tissue resolution, mapping organs, brain regions, cardiac function, spinal alignment, and muscle tone. It identifies neurological patterns, detects white matter changes, and captures subtle early degenerative conditions—all without radiation. This layer adds dynamic, tissue-specific intelligence to the DigitalTwin™.

Layer 5: Digital Mammogram – Critical Breast Health Modeling

3D tomosynthesis technology provides high-resolution, AI-enhanced lesion detection and tissue density profiling. This modality is essential for personalized breast health modeling and contributes longitudinal data to the DigitalTwin™ for ongoing risk assessment and early intervention planning.

Layer 6: Digital Labs – Rapid Biomarker Integration

Advanced immunoassay and clinical chemistry platforms produce a full metabolic panel and inflammatory marker set in under 15 minutes. With support for a wide array of test essays, this layer enhances the DigitalTwin™ with real-time physiological status, enabling early anomaly detection, treatment monitoring, and predictive modeling.

Layer 7: Specialty Facilities

A modular platform designed to support advanced and experimental diagnostic technologies, including frequency-based imaging and AI-assisted research tools. Ideal for piloting new modalities and accelerating next-generation medical discovery in clinical or field environments.

DIGITALTWIN™ - TRANSFORMATION TO DIGITAL ASSETS

The integration of DigitalTwin™ technology with advanced imaging, IoT, and real-time biometric systems enables the transformation of human health data into structured, actionable digital assets. This framework is designed to:

- Optimize clinical operations and reduce unnecessary diagnostics
 - Support core research infrastructure through high-fidelity, longitudinal datasets
 - Enhance individual wellness with precision monitoring and predictive care
 - Enable ethical monetization of health data, governed by consent and AI accountability
- By unifying diagnostics, labs, and sensory IoT inputs into a continuously updating DigitalTwin™, the platform creates a scalable foundation for clinical innovation, public health intelligence, and sovereign data ecosystems.



Photon, RAW, frequency and Visual Data captured in ScanPort™ is mapped to an individual's personal ai ("InfoVault") enabling 4D Digital Twin™ of the individual, with personal privacy protection.

O|Zone™ Solutions – Executive Brief

Problem:

1. A surge in unexplained health anomalies is affecting multiple organ systems. Since the pandemic, medical professionals have reported increasing cases of cardiac inflammation, vascular plaque, pulmonary fibrosis, brain fog, new forms of cancers and metabolic disorders—including non-classic Type 2 diabetes. These emerging patterns often fall outside traditional diagnostic models.
2. Most imaging systems in use today are outdated or analog. Despite dramatic advances in digital imaging such as photon-counting CT, AI-augmented MRI, and digital PET. The majority of diagnostic equipment across the U.S. remains analog or first-generation digital. These legacy systems lack the resolution, scan speed, or AI integration needed to detect early-stage or non-obvious anomalies.
3. Access to advanced digital imaging is severely limited. FDA-cleared, next-generation diagnostic platforms are concentrated in a handful of major academic hospitals. Patients in most communities—especially underserved metro areas—face multi-month delays for comprehensive imaging of the brain, heart, lungs, and vascular system.
4. Delays drive medical risk, economic waste, and missed intervention windows. When early signs are missed or diagnostics are delayed, conditions progress unnecessarily. Patients suffer, costs rise, and even curable conditions can escalate into complex, long-term burdens on the healthcare system.

Solution:

TIME IS TRULY OF THE ESSENCE

O|Zone™ ScanPort™ model transforms diagnostic access and speed by deploying modular, next-generation imaging and lab platforms into underserved metropolitan areas—specifically targeting Qualified Opportunity Zones (QOZs).

Each ScanPort™ facility co-locates a full suite of FDA-cleared digital imaging modalities, AI-powered analytics, and rapid lab diagnostics with a metro Special Improvement District, enabling whole-body scanning and early detection in under one week.

ScanPort™ compresses what is traditionally a 3- to 6-month fragmented diagnostic process into a single coordinated experience, supporting:

- Early anomaly detection across cardiovascular, neurological, pulmonary, metabolic, and immune systems
- Construction of a high-resolution, AI-integrated DigitalTwin™ of the patient's health status
- Secure data delivery into a personal InfoVault™ for longitudinal care, privacy management, and remote collaboration
- Video-enabled telemedicine integration, allowing physicians and patients to participate from different locations—with full access to real-time images, lab results, and AI summaries
- Compatibility with Medicare, Medicaid and private payer reimbursement models, creating a financially sustainable pathway for both patients and providers, reducing diagnostic costs and treatment costs.

ScanPort™ facilities are built on a scalable, containerized infrastructure, enabling regional deployment, mobile support, and global health resilience from neighborhood hubs. This approach is designed not just to modernize diagnostics—but to democratize them.

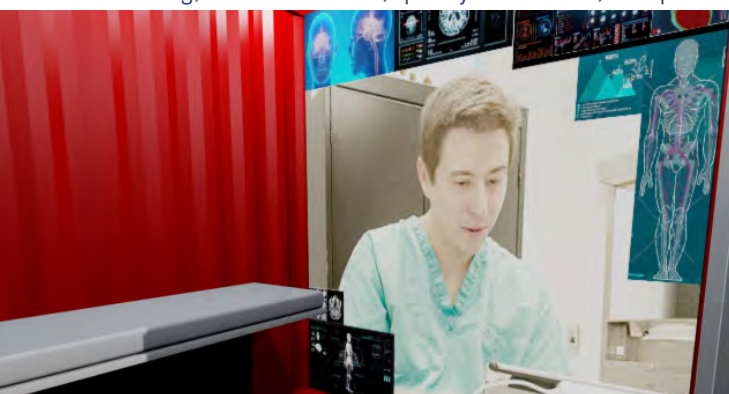
Why It Matters to Institutions

Life insurance companies, pension funds, and even funeral service operators are reporting persistent and unexpected mortality abnormalities—particularly among working-age adults. For life insurers, healthcare providers, self-funded corporate plans, pension managers, and government-funded programs, the reliance on historical mortality and morbidity assumptions is no longer sufficient.

Actuaries across these sectors are seeing clear signals that the health landscape has shifted post-pandemic. Traditional predictive models are breaking down, and early-stage conditions are going undiagnosed until they progress into catastrophic claims.

ScanPort™ offers a population-scale response by enabling early detection, faster intervention, and the generation of predictive health models at the individual level. These DigitalTwins™ can become not only clinical tools—but also risk-adjustment assets for financial, reinsurance, and long-term benefit planning models.

The O|Zone™ ScanPort™ Initiative also creates local opportunity—training a new generation of technicians in medical imaging, health services, quality assurance, and patient care—while delivering an extraordinary diagnostic experience.



Specialty containers may include true-to-scale video walls, allowing patients and medical professionals inside the ScanPort™ to communicate seamlessly with physicians, specialists, or family members located anywhere in the world.

