

# Infrastructure Modernization Asset Inventory

## CONFIDENTIAL DOCUMENT

PROPRIETARY AND CONFIDENTIAL INFORMATION OF NEXUS INTELLIGENT SYSTEMS, INC.

### 1. PRELIMINARY DEFINITIONS

1 "Asset" shall mean any technological infrastructure, hardware, software, network component, or digital system owned, leased, or operated by Nexus Intelligent Systems, Inc. as of the Effective Date.

2 "Effective Date" refers to January 22, 2024, representing the comprehensive inventory assessment date for all technological infrastructure assets.

3 "Modernization Scope" encompasses all digital transformation, infrastructure upgrade, and technological enhancement initiatives within the company's current technological ecosystem.

### 2. INFRASTRUCTURE ASSET CLASSIFICATION

#### 1 Hardware Infrastructure

- 42 Enterprise-grade servers (Dell PowerEdge R740, R640 configurations)
- 7 High-performance compute clusters
- 3 Primary data center environments
- 126 Employee workstations and mobile computing devices
- 18 Network routing and switching infrastructure components

#### 2 Software Assets

- Primary Enterprise AI Platform: NexusCore(TM) Predictive Analytics Suite
- Cloud Infrastructure: Multi-tenant AWS and Azure hybrid cloud deployment
- Development Environments:
  - a. Kubernetes container orchestration infrastructure
  - b. CI/CD pipeline management systems
  - c. Proprietary machine learning model development frameworks

#### 3 Network Infrastructure

- Primary Network Topology: Redundant 10Gbps fiber optic network

- Geographic Distribution:
- Primary Data Center: San Francisco, CA
- Secondary Disaster Recovery Site: Phoenix, AZ
- Network Security: Next-generation firewall, intrusion detection/prevention systems

### **3. TECHNOLOGICAL ASSET VALUATION**

#### **1 Replacement Cost Estimation**

- Total Hardware Replacement Value: \$3,750,000
- Software Licensing and Development Costs: \$2,250,000
- Network Infrastructure Replacement: \$1,500,000
- Estimated Total Asset Replacement Value: \$7,500,000

#### **2 Depreciation Schedule**

- Server Infrastructure: 3-year accelerated depreciation
- Software Assets: 5-year straight-line depreciation
- Network Components: 4-year modified depreciation schedule

### **4. MODERNIZATION READINESS ASSESSMENT**

#### **1 Technology Refresh Requirements**

- 65% of server infrastructure eligible for immediate upgrade
- 40% of software systems require version modernization
- 22% of network components need architectural redesign

#### **2 Strategic Modernization Priorities**

- AI/ML Infrastructure Enhancement
- Cloud-Native Architecture Migration
- Cybersecurity Infrastructure Reinforcement

### **5. LEGAL DISCLAIMERS**

#### **1 Confidentiality**

This document contains proprietary and confidential information. Unauthorized disclosure, reproduction, or distribution is strictly prohibited.

## 2 Limitation of Liability

Nexus Intelligent Systems, Inc. provides this asset inventory "as-is" without warranty of completeness or accuracy. No legal liability is assumed for potential omissions or technological changes.

## 6. CERTIFICATION

I, Dr. Elena Rodriguez, CEO of Nexus Intelligent Systems, Inc., certify that the foregoing Infrastructure Modernization Asset Inventory represents a true and accurate representation of the company's technological assets as of the Effective Date.

Dr. Elena Rodriguez

Chief Executive Officer

Nexus Intelligent Systems, Inc.

Date: January 22, 2024

## 7. EXECUTION

Executed in duplicate originals, with one copy retained by corporate records and one copy available for strategic planning and due diligence purposes.