

# Technology Infrastructure Investment Breakdown

## Confidential Document

## Prepared for Due Diligence Review

Nexus Intelligent Systems, Inc.

## Proprietary and Confidential

## 1. INTRODUCTION

### 1 Purpose of Document

This Technology Infrastructure Investment Breakdown ("Document") provides a comprehensive financial and technical assessment of capital expenditures related to Nexus Intelligent Systems, Inc.'s ("Company") technology infrastructure investments for fiscal years 2022-2024.

### 2 Scope of Analysis

The document encompasses:

- Capital technology investments
- Infrastructure development costs
- Strategic technology asset allocations
- Depreciation and amortization schedules
- Future technology investment projections

## 2. INVESTMENT SUMMARY

### 1 Total Infrastructure Investment

Total Technology Infrastructure Investment: \$4,672,385

- Hardware Investments: \$1,983,450 (42.4%)
- Software Platforms: \$1,256,775 (26.9%)
- Cloud Infrastructure: \$872,160 (18.7%)
- Networking & Security: \$560,000 (12.0%)

### 2 Investment Categorization

#### 2.2.1 Hardware Investments

- Enterprise Servers: \$892,500
- High-Performance Computing Clusters: \$612,950
- Edge Computing Devices: \$478,000
- Network Hardware: \$0

### **2.2.2 Software Platforms**

- Machine Learning Development Environments: \$476,225
- Predictive Analytics Frameworks: \$392,550
- Enterprise Integration Platforms: \$388,000

### **2.2.3 Cloud Infrastructure**

- AWS Enterprise Services: \$412,760
- Google Cloud Platform: \$279,400
- Microsoft Azure Deployments: \$180,000

## **3. DEPRECIATION SCHEDULE**

### **1 Asset Depreciation Methodology**

- Straight-line depreciation method
- Standard enterprise technology depreciation schedules
- Average useful life: 3-5 years per asset class

### **3.1.1 Hardware Depreciation**

- Servers: 4-year depreciation schedule
- Computing Clusters: 3-year depreciation schedule
- Networking Equipment: 5-year depreciation schedule

### **3.1.2 Software Depreciation**

- Enterprise Software: 3-year depreciation
- Custom Development Platforms: 4-year depreciation

## **4. INVESTMENT PERFORMANCE METRICS**

### **1 Return on Technology Investment (ROTI)**

- Projected Annual Efficiency Gains: 22.5%

- Estimated Cost Savings: \$1.2M annually
- Productivity Enhancement: 18.3% improvement

## 2 Technology Investment Ratios

- Technology Investment/Revenue: 7.4%
- Technology Investment/Employee: \$53,700

## 5. FUTURE INVESTMENT PROJECTIONS

### 1 Planned Investments (Next 24 Months)

- Estimated Total Investment: \$6.2M
- Focus Areas:

Advanced AI Infrastructure

Enhanced Machine Learning Capabilities

Cybersecurity Enhancements

## 6. LEGAL DISCLAIMERS

### 1 Confidentiality

This document contains proprietary and confidential information. Unauthorized disclosure is strictly prohibited.

### 2 Limitation of Liability

All financial projections and estimates are provided in good faith but are not guaranteed representations of future performance.

## 7. EXECUTION

Executed this 22nd day of January, 2024

Dr. Elena Rodriguez

Chief Executive Officer

Nexus Intelligent Systems, Inc.

Michael Chen

Chief Technology Officer

Nexus Intelligent Systems, Inc.