

ADAPTIVE LEARNING ALGORITHM TRADE SECRET

DECLARATION

CONFIDENTIAL AND PROPRIETARY

Summit Digital Solutions, Inc.

Effective Date: January 9, 2024

1. DECLARATION OF TRADE SECRET STATUS

1 Summit Digital Solutions, Inc., a Delaware corporation ("Company"), hereby declares and affirms that its proprietary adaptive learning algorithms ("Protected Algorithms"), specifically those incorporated within the Peak Performance Platform(TM), constitute protected trade secrets under applicable state and federal laws, including but not limited to the Defend Trade Secrets Act of 2016 (18 U.S.C. 1836 et seq.).

2 This declaration encompasses the following specific components:

- (a) Core algorithmic frameworks for real-time operational optimization
- (b) Machine learning model architectures for predictive maintenance
- (c) Neural network configurations for IoT sensor data processing
- (d) Automated decision tree structures for process optimization
- (e) Proprietary data transformation and normalization methodologies
- (f) Custom feedback loop mechanisms for continuous learning

2. DESCRIPTION OF PROTECTED ALGORITHMS

1 The Protected Algorithms comprise sophisticated machine learning models and artificial intelligence systems that enable:

- (a) Dynamic adaptation to changing operational conditions
- (b) Real-time optimization of enterprise resource allocation
- (c) Predictive analytics for system performance
- (d) Automated pattern recognition in complex data streams
- (e) Self-optimizing process control mechanisms

2 The Protected Algorithms specifically exclude any third-party components, open-source elements, or publicly available methodologies, focusing solely on Company's proprietary developments.

3. REASONABLE MEASURES FOR PROTECTION

1 Company maintains the following security measures to protect the Protected Algorithms:

- (a) Restricted access protocols requiring multi-factor authentication
- (b) Segmented storage of algorithm components
- (c) Encryption of all algorithm-related code and documentation
- (d) Regular security audits and penetration testing
- (e) Employee training on confidentiality obligations
- (f) Physical security measures at development facilities

2 Access to the Protected Algorithms is strictly limited to authorized personnel who:

- (a) Have executed appropriate confidentiality agreements
- (b) Maintain current security clearances
- (c) Operate under need-to-know basis
- (d) Receive regular security awareness training

4. INDEPENDENT ECONOMIC VALUE

1 The Protected Algorithms derive independent economic value from:

- (a) Unique optimization capabilities not readily available in the market
- (b) Substantial research and development investment exceeding \$15 million
- (c) Competitive advantage in enterprise digital transformation services
- (d) Enhanced operational efficiency for client implementations
- (e) Reduced time-to-value for digital transformation initiatives

5. DEVELOPMENT AND OWNERSHIP

1 The Protected Algorithms were developed exclusively by Company employees and contractors under valid work-for-hire agreements, including:

- (a) Development team led by Michael Chang, CTO

- (b) Innovation group under Dr. Robert Martinez
- (c) Core engineering team of Company employees
- (d) Contracted specialists under appropriate agreements

2 Company maintains exclusive ownership of all intellectual property rights related to the Protected Algorithms.

6. CONFIDENTIALITY REQUIREMENTS

1 All parties with access to the Protected Algorithms must:

- (a) Maintain strict confidentiality
- (b) Use only for authorized purposes
- (c) Prevent unauthorized disclosure
- (d) Report any suspected breaches immediately
- (e) Return or destroy materials upon request
- (f) Comply with all security protocols

7. CERTIFICATION

The undersigned hereby certifies that this declaration is true and correct and made under penalty of perjury under the laws of the United States of America.

IN WITNESS WHEREOF, this Declaration has been executed as of the Effective Date by duly authorized representatives of Summit Digital Solutions, Inc.

SUMMIT DIGITAL SOLUTIONS, INC.

By: _

Dr. Alexandra Reeves

Chief Executive Officer

By: _

Michael Chang

Chief Technology Officer

ATTEST:

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Corporate Secretary

8. NOTARIZATION

State of Delaware

County of New Castle

Subscribed and sworn to before me on January 9, 2024.

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Notary Public

My Commission Expires:

[NOTARY SEAL]
