

# Neural Mesh v4: Decentralized Inference

## Latency Optimization in Edge Computing via Swarm Intelligence

## ***Executive Summary***

Neural Mesh v4 proposes a paradigm shift away from centralized inference toward a decentralized, swarm-based execution model that prioritizes resilience and locality. Neural Mesh v4 proposes a paradigm shift away from centralized inference toward a decentralized, swarm-based execution model that prioritizes resilience and locality. Neural Mesh v4 proposes a paradigm shift away from centralized inference toward a decentralized, swarm-based execution model that prioritizes resilience and locality. Neural Mesh v4 proposes a paradigm shift away from centralized inference toward a decentralized, swarm-based execution model that prioritizes resilience and locality. Neural Mesh v4 proposes a paradigm shift away from centralized inference toward a decentralized, swarm-based execution model that prioritizes resilience and locality.

## *Background*

## ***System Architecture***

## *Market Gap*

# **Security Considerations**

### ***Conclusion***