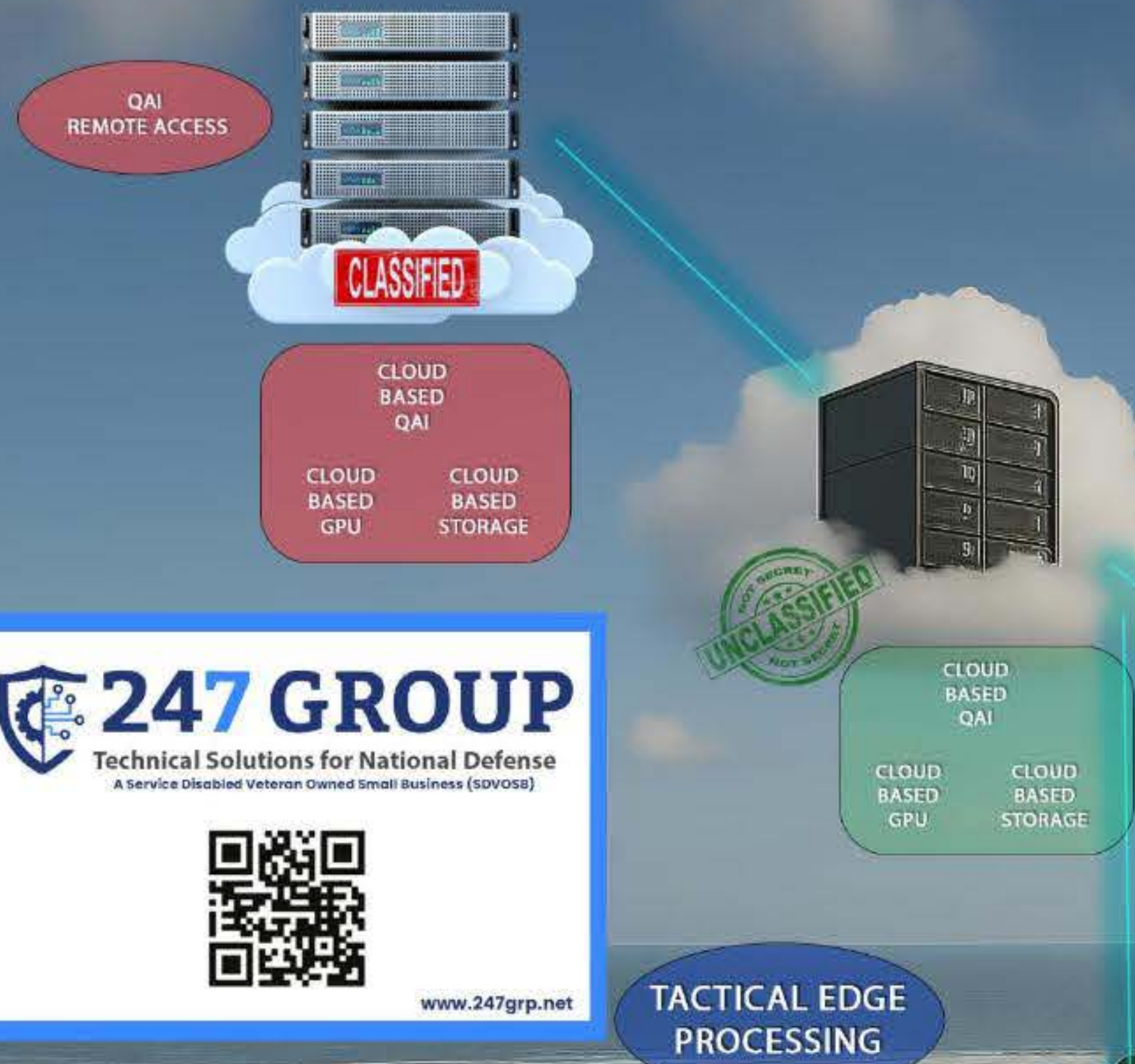# WHY QAI (RTTP) REAL-TIME THREAT PROTECTION REVOLUTIONIZES BATTLEFIELD INTELLIGENCE

Revolutionary Defense AI System with Quantum Vulkan GPU Processing

1000x	<50ms	98.2%	90%
Power Efficiency	Threat Detection	Accuracy Rate	Bandwidth Reduction

ELECTRONIC WARFARE RECOGNITION
Adversary jamming pattern analysis with adaptive response.

One-shot learning
Network-wide knowledge sharing

CBRN EVENT CLASSIFICATION
Chemical agent detection with predictive dispersion modeling.

Real-time processing
Automated MOPP recommendations

DRONE SWARM IDENTIFICATION
Autonomous drone swarm approaching FOB perimeter with zero-shot learning.

Power: <10W | Capacity: 100+ drone signatures

HYPERSONIC THREAT DETECTION
Detection of hypersonic missile launch signatures using multi-sensor fusion.

Response Time: 47ms
Performance: 10x faster than traditional ML

QAI REMOTE ACCESS

CLASSIFIED

CLOUD BASED QAI

CLOUD BASED GPU — CLOUD BASED STORAGE

TOP SECRET — UNCLASSIFIED — NOT SECRET

CLOUD BASED QAI

CLOUD BASED GPU — CLOUD BASED STORAGE

247 GROUP
Technical Solutions for National Defense
A Service Disabled Veteran Owned Small Business (SDVOSB)

www.247grp.net

TACTICAL EDGE PROCESSING

EDGE AI

MICRO BASED QAI SENSOR DEVICE

SMALL SENSORS

TECHNICAL SPECIFICATIONS

SUB-50MW ULTRA-LOW POWER AT THE EDGE
Soldiers carry sensors that run for 72+ hours on battery while performing real-time AI threat detection - unlike power-hungry traditional systems that drain batteries in hours.

TRAINING-FREE INSTANT THREAT RECOGNITION
New threat patterns can be added in seconds without retraining neural networks - critical when encountering novel weapons or tactics in the field that traditional AI would miss.

DETERMINISTIC OUTPUT FOR WEAPONS SYSTEMS
The same input always produces the same result with 98.2% accuracy - essential for fire control and autonomous defense systems where unpredictable AI behavior could be catastrophic.

3.7KM DRONE DETECTION RANGE WITH <1MS LATENCY
Detects threats 2.4x farther than conventional systems with near-instantaneous response - the difference between intercepting an incoming drone swarm and taking casualties.

Learning Speed	Accuracy Rate	Power Efficiency	Processing Speed
Zero-shot	98.2%	0.5W	O(n log n)
vs thousands of examples	*vs 87% industry standard*	*vs 500W traditional inference*	*vs O(n²) classical ML*