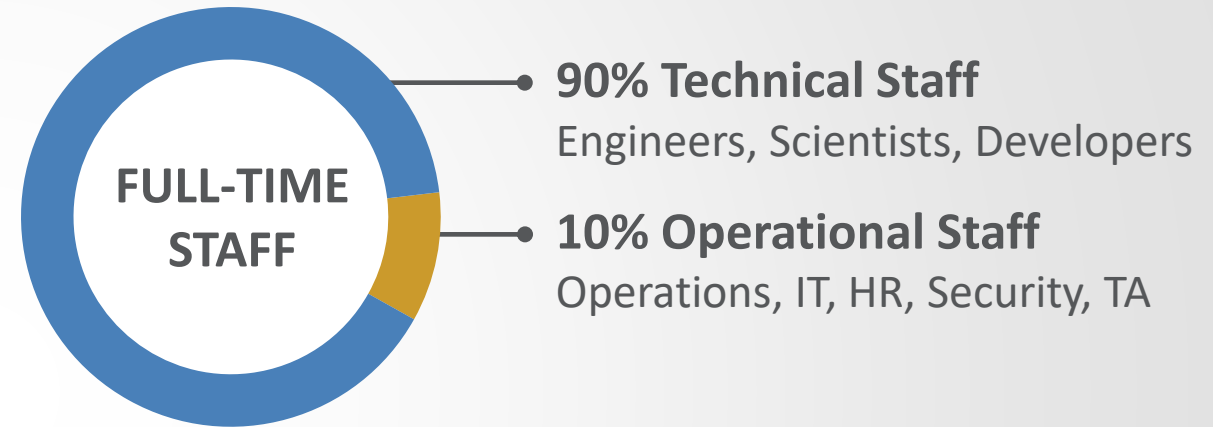# MORSE Corp
IARPA Video LINCS

Presented by:

Nigel Mathes, CTO of AI

nmathes@morsecorp.com

Company Overview

- Headquartered in Cambridge Tech Square/MIT

- Founded in Oct 2014
  - Management team together over 15 years

- MORSE Staff
  - 150+ Employees
  - 15+ interns and co-ops

- 100% employee owned

FULL-TIME STAFF

90% Technical Staff
Engineers, Scientists, Developers

10% Operational Staff
Operations, IT, HR, Security, TA

Capabilities Relevant for IARPA Video LINCS

- Creating AI-based detection and tracking systems

- Processing both aerial and horizontal video perspectives

- Developing AI algorithms for disparate sensors

- Analyzing AI model embeddings

- Optimizing datasets and labels

- Geospatial relationship-based classification

- Testing and evaluating AI models for computer vision, geolocation, and georectification

Inquisit™

TEST AND EVALUATION TOOLKIT

Themis
Automated Evaluation
and Reporting

Gamut
Metrics

Terminus
Optimal Splitting

RealLabel
AI-Assisted Label QA

Obscura
Data Augmentation

Gradient
Report Generation

ConText
Metadata Augmentation

Survivor
Foundation Datasets

PainPoints
Operational Model
Verification

Sundial
Runtime Performance

Attack Vault
Adversarial AI Zoo

Tulip
Deployable User Testing

inquisit.ai

We're Looking for Teammates!

Teammates with:

- Novel data sets

- Generation and analysis of 3D point clouds, voxel grids, meshes

- Deep academic expertise in Re-ID topics

Contact for Teaming:

Nigel Mathes, CTO of AI

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