STRIVEWORKS EXECUTIVE OVERVIEW
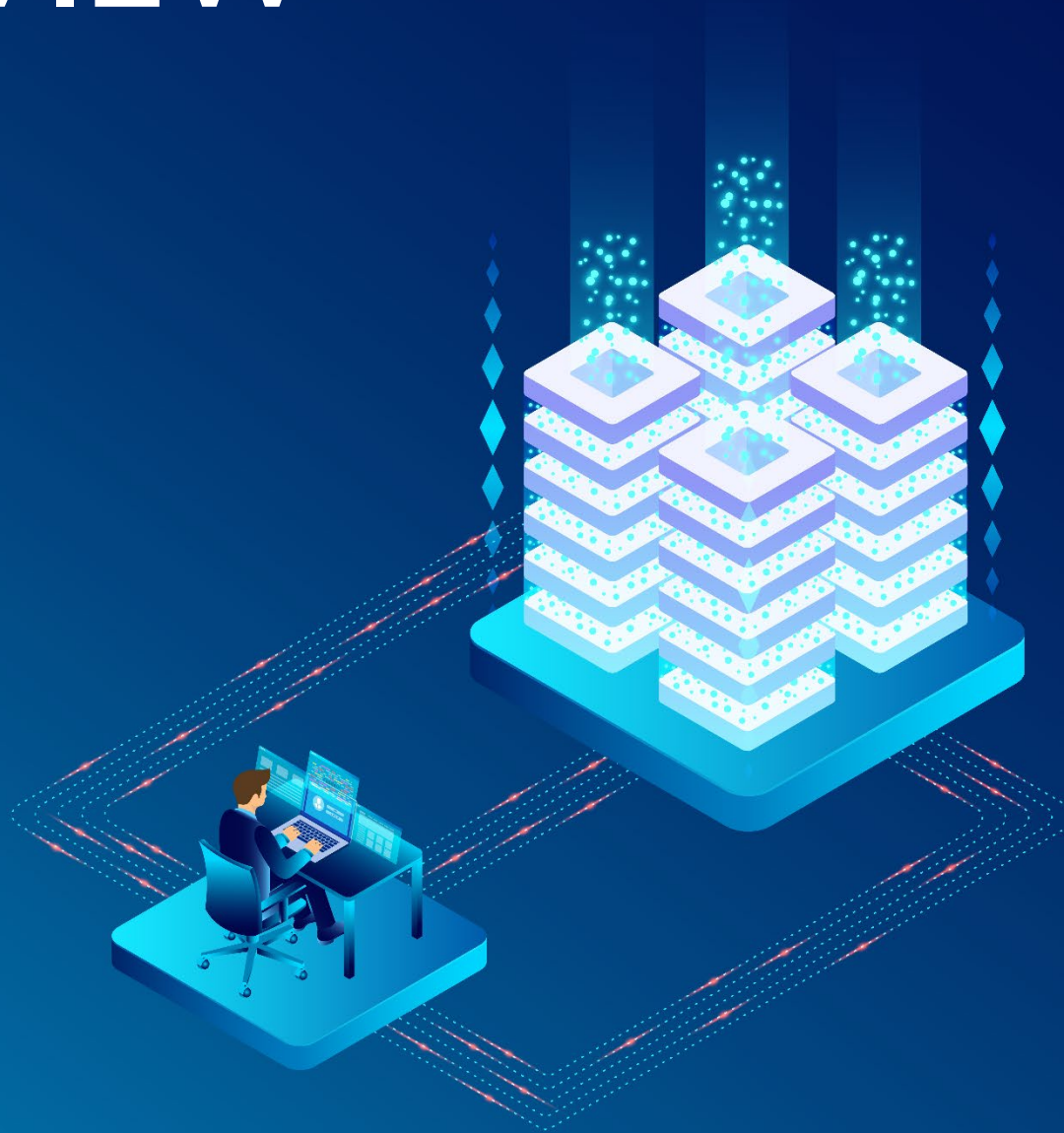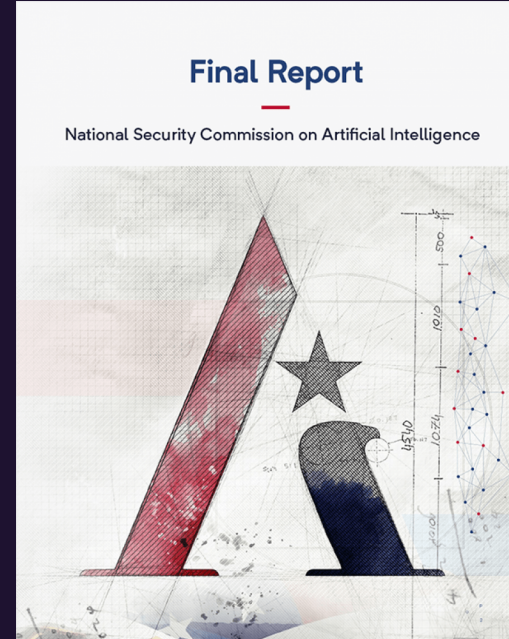
In a Changing World, Can Your Analytics Keep Pace?

A company's ability to make timely and impactful decisions from vast amounts of data hinges upon their ability to create reliable data analytics The traditional approach of data professionals working on isolated platforms to build and deploy models has failed time and time again in dynamic environments where "yesterday" — when data is collected and models are trained — looks nothing like "tomorrow" when models are deployed into production and used in the real world.

Our customers work in dynamic, adaptive, and challenging environments that demands the ability to build, deploy, monitor, and maintain better models, faster. Our Chariot platform enables the data team to perform meaningful analytics at an operational pace. And our patent-pending data lineage system extends data governance into the analytic domain, ensuring effective, responsible, auditable, AI in production.

Final Report

—

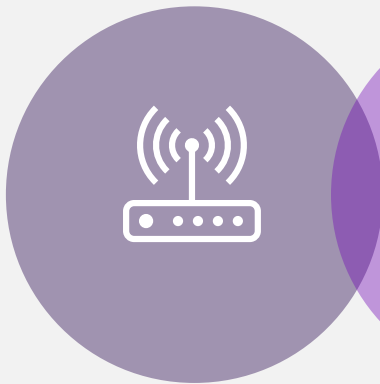National Security Commission on Artificial Intelligence

Striveworks Notable Performance

Striveworks was recognized in the National Security Commission Artificial Intelligence Final Report (2020) as the example to follow for operational AI/ML.

"As an example, both Army Futures Command (AFC) and Army Special Operations Command (USASOC) use a model known as "tactical data teams". This model brings AI/ML expertise forward to the field in the form of three- to six-person teams to build AI solutions for real-time operational problems. Executed by a small business, Striveworks, under contract with AFC and USASOC, they are currently supporting efforts in Central Command and Indo-Pacific Command Areas of Responsibility."

Data-Enabled Enterprise

Better Models, Faster

Data Fabric
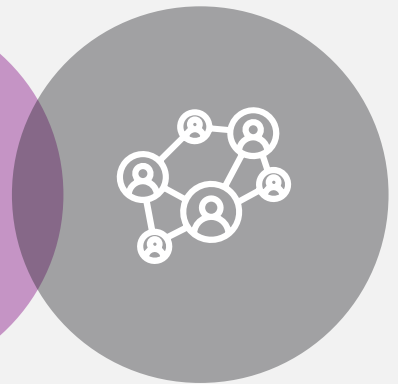Moving data and decisions; edge to enterprise and back

Data Teams
People to do the work

Empowered Leadership

Analytic Platform
Automation to assist the operator

People, Process, Platform

Striveworks Helps Companies Make Better Models, Faster

Solve Data Governance in Your Analytics Practice

Build & Deploy Models in Hours, Not Weeks

Reduce Total Cost of Ownership for Analytics

Become a Truly Analytics-Powered Operation

Operationalized AI

—— **Real Results, Real Impact**

The Chariot Approach

Data analytics saves organizations time and money, increases analyst productivity, and provides teams with new capabilities. MLOps is the practice for getting these analytics into production in a rapid, repeatable, and scalable manner.

Chariot is an end-to-end MLOps platform that instantiates the entire data analytic process as code. Empowered with an integrated workflow engine and data lineage system, Chariot provides structure, veracity, and reproducibility at petabyte scale to your analytics.
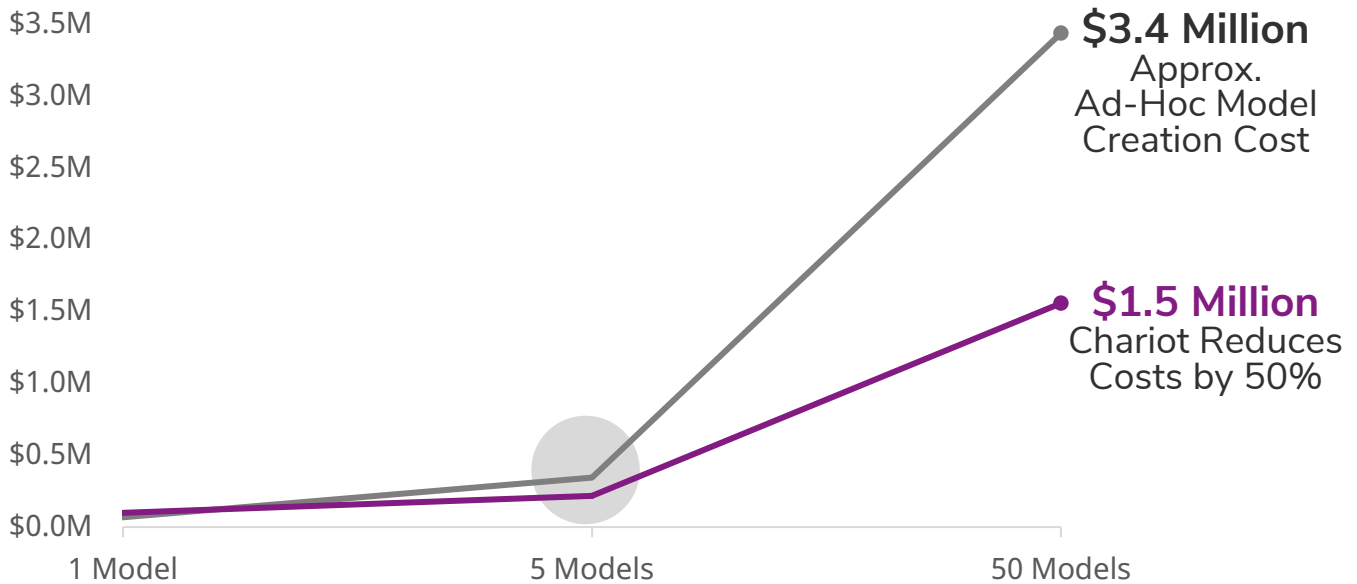
Features:
- Data Science Scheduler
- Workflow Engine
- Model-in-the-Loop Annotation
- Serverless Inference Engine
- Push-Button K8s
- Chariot Data Lineage
- Model Zoo
- Dataset Management
- Access Controls by Role
- Notebook Integration

Chariot MLOps Efficiency

Average Payback Point: <5 Models

MLOps with Chariot Costs Significantly Less Over Time vs Ad-Hoc Model Creation

$3.5M
$3.0M
$2.5M
$2.0M
$1.5M
$1.0M
$0.5M
$0.0M

1 Model   5 Models   50 Models

$3.4 Million
Approx.
Ad-Hoc Model
Creation Cost

$1.5 Million
Chariot Reduces
Costs by 50%

Chariot Radically Improves Speed to Market of Models

Model Training/Retraining

Chariot
4 Hours

Ad-Hoc
2.5 Weeks

Model Deployment/Management

Chariot
8 Hours/Model/Year

Ad-Hoc
11 Days/Model/Year

Impact

Organizations that adopt MLOps realize cost and efficiency benefits to many functional elements:
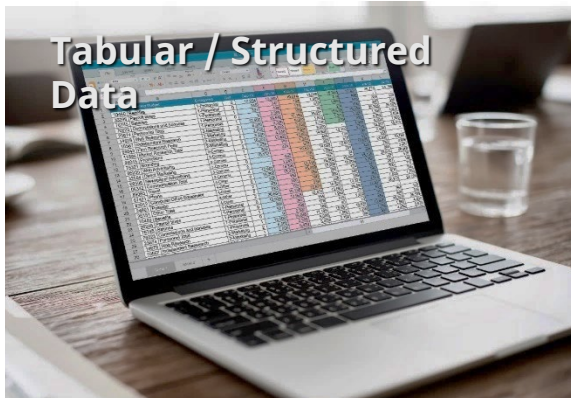
- Infrastructure
- Model Development
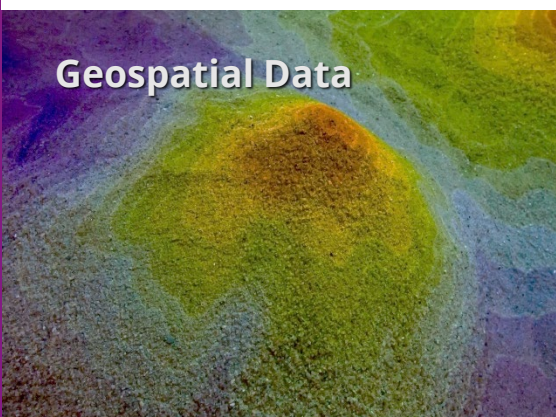- Data
- Model Deployment

Striveworks Data Expertise
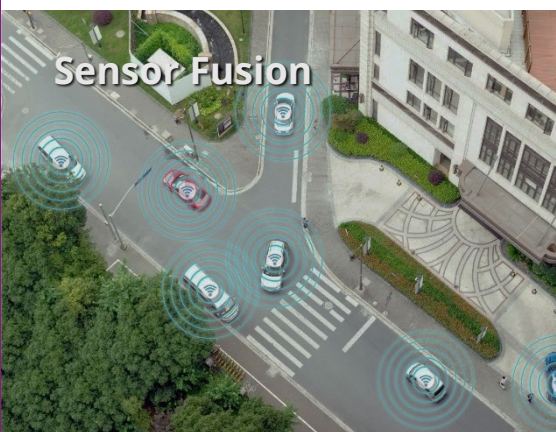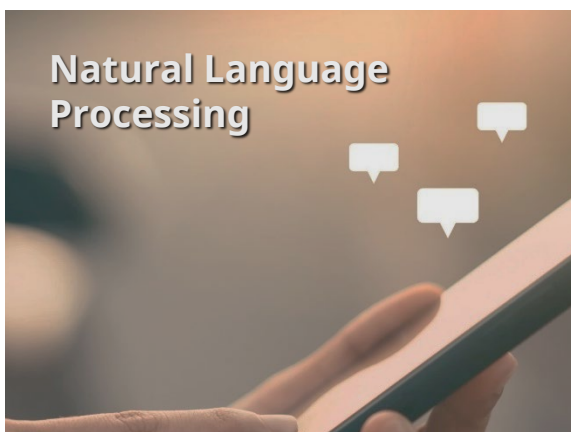

Imagery

Tabular / Structured Data

Geospatial Data

Time Series Data

Sensor Fusion

Natural Language Processing

STRIVEWORKS

BETTER MODELS, FASTER