Company Overview
2022

Government Contracting
Commercial Advisory

At-a-glance

Founded : 2013, Virginia, US

Customers : Civil Agencies | Commercial clients

Market verticals : Aviation | Aerospace | Defense

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Expertise

Program Management

Strategy and Planning Support
Program and Contracting Oversight
Investment Analysis

Technical Assistance

Lean Start-up and Rapid Development
Enterprise and Solutions Architecture
Requirements Analysis and Management

Commercial Advisory

Go-to-market and Growth Advisory
Product Development Strategy Consulting

Solution Focus Areas

Large-scale public-sector transformation

Lean acquisition and contracting practices

AI/ML applications

Rapid product development

Resilient safety and risk practices

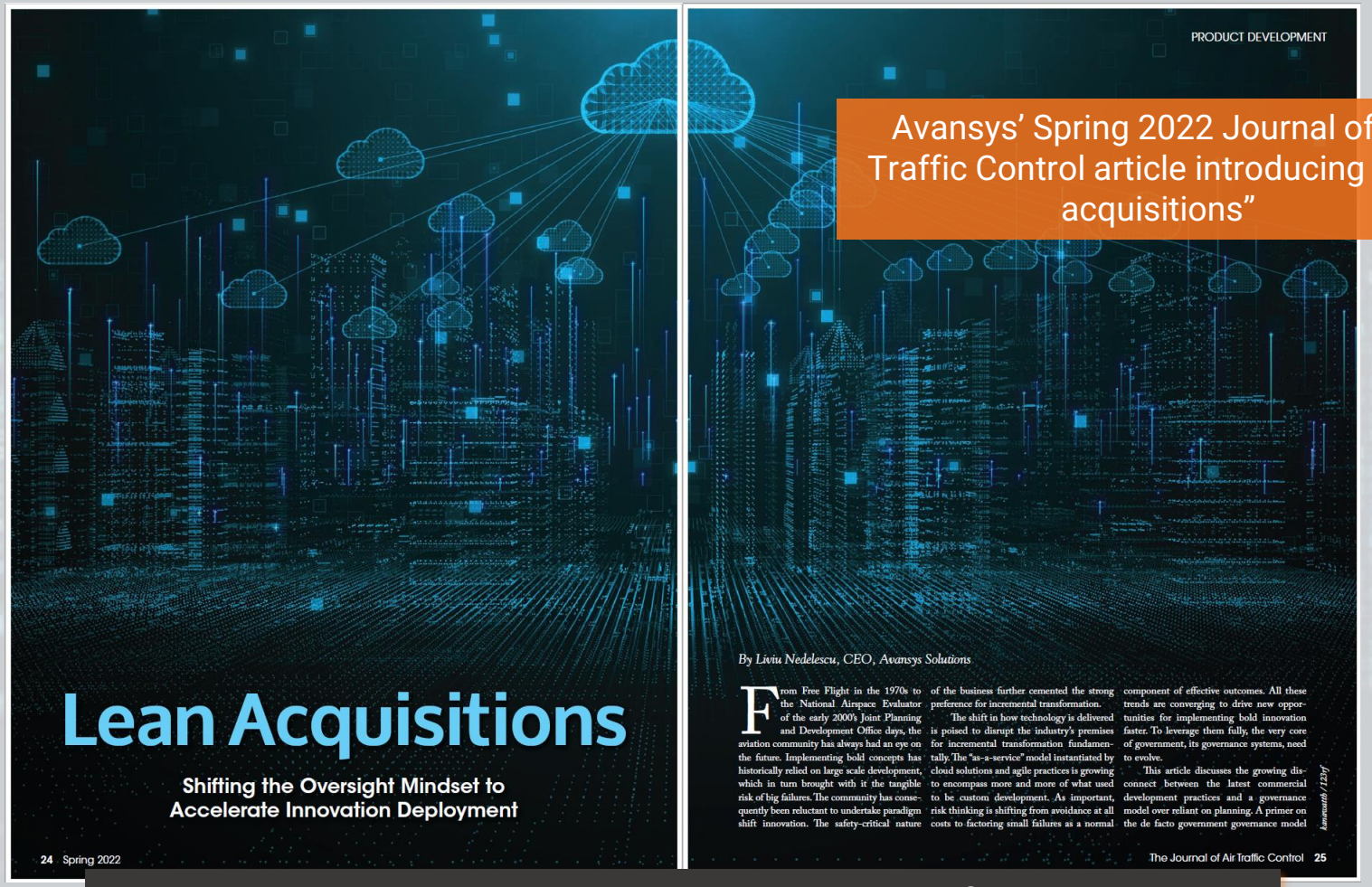
Commercial growth operations

Business model scaling

Commercial product strategy

Outcome:

Transforming government acquisitions



Avansys' Spring 2022 Journal of Air Traffic Control article introducing "lean acquisitions"

Avansys is spearheading the alignment of acquisition practices to next generation product development methods

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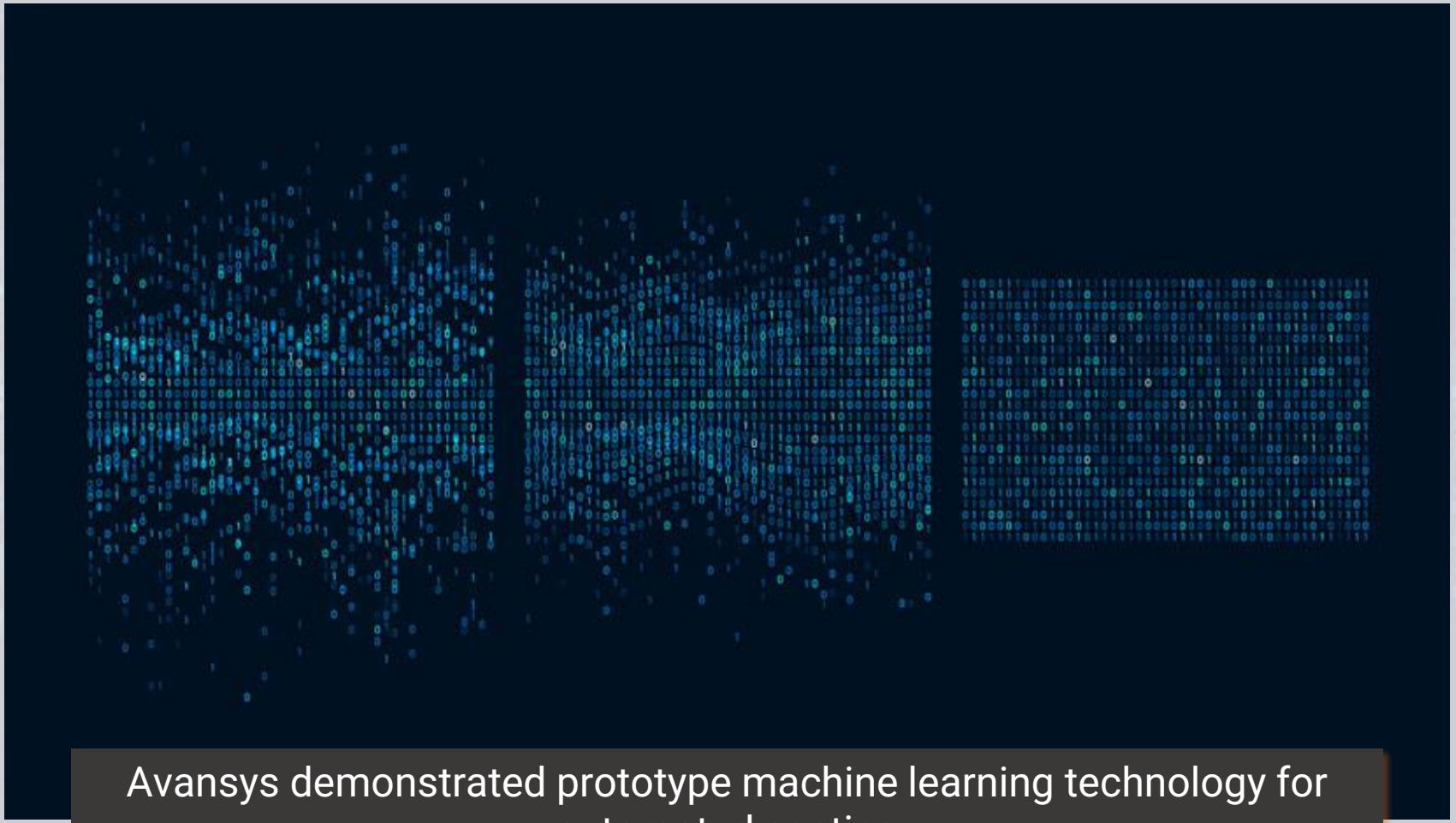
Outcome:

Innovating investment practices



Avansys demonstrated prototype machine learning technology for automated costing

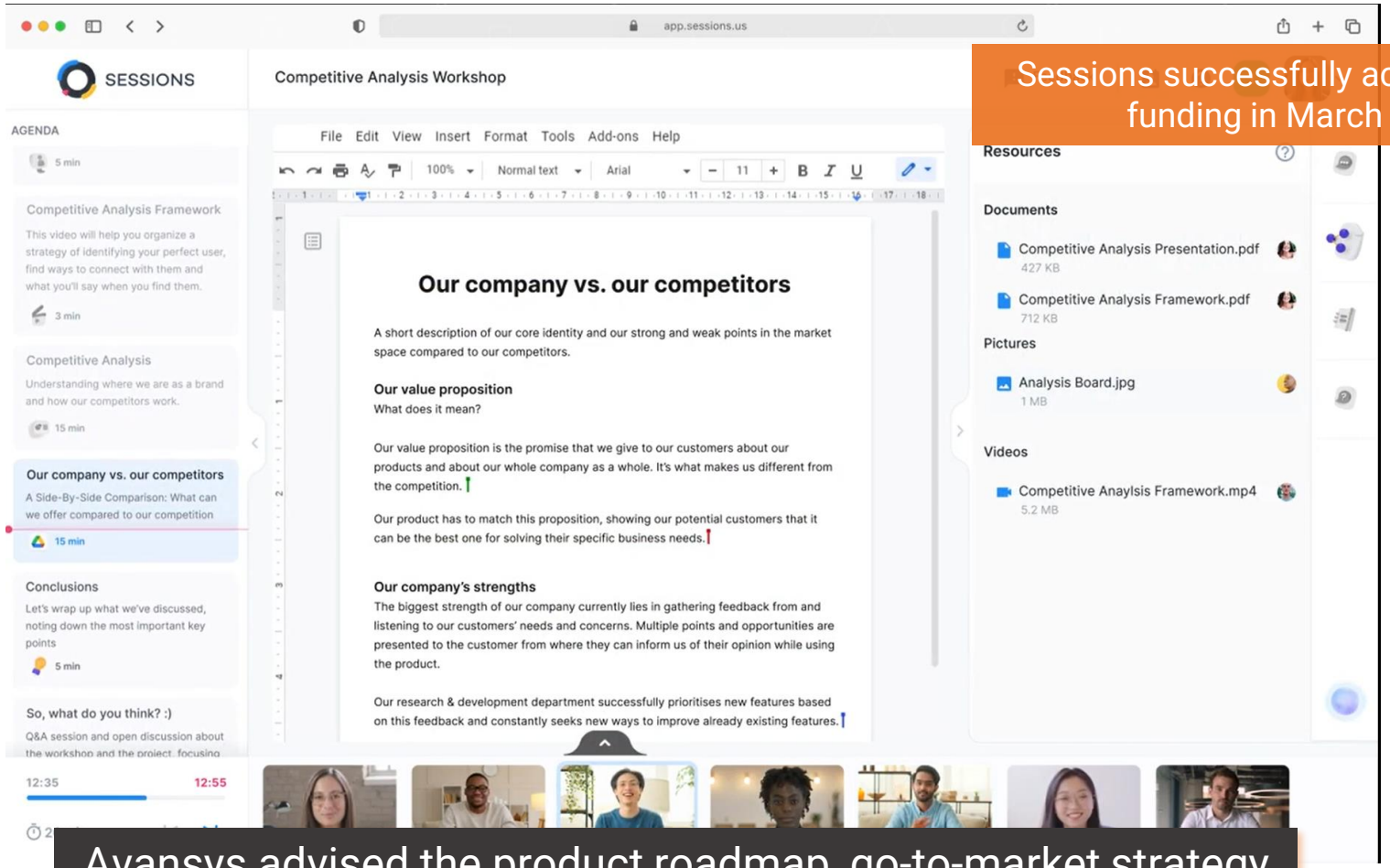
Outcome:

Enabling autonomous flight

Avansys provided the construct for NASA’s long-term autonomous flight research strategy

Outcome:

Launching start-up products



Sessions successfully achieved seed funding in March 2022

Avansys advised the product roadmap, go-to-market strategy and investor marketing for the start-up Sessions app

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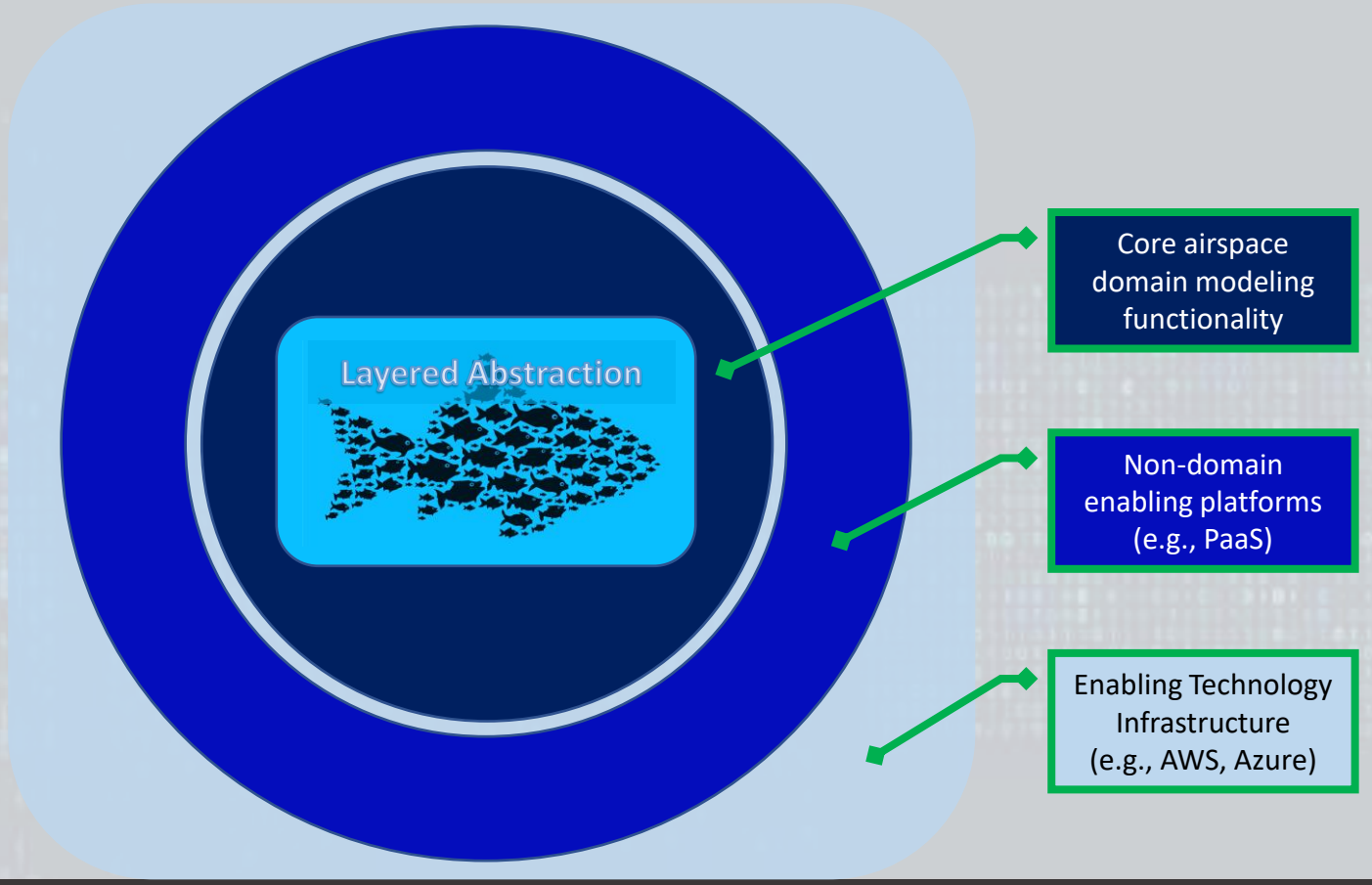
Outcome:

Advancing hybrid warfare

Avansys designed artificial intelligence architectures for hybrid warfare scenario planning

Outcome:

Reframing simulation architectures



Avansys introduced domain-driven-design to power NASA's next generation airspace simulator architectures

Outcome:

Leading project turnarounds

Avansys successfully led a mid-project pivot from waterfall to agile development

Systems and Complexity Thinking

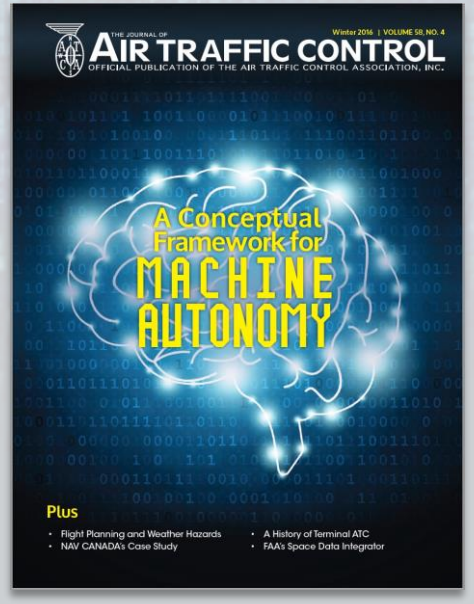
Positive Safety

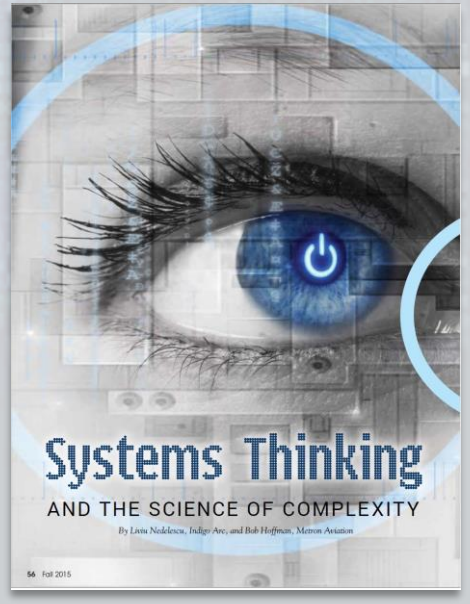
Design Thinking

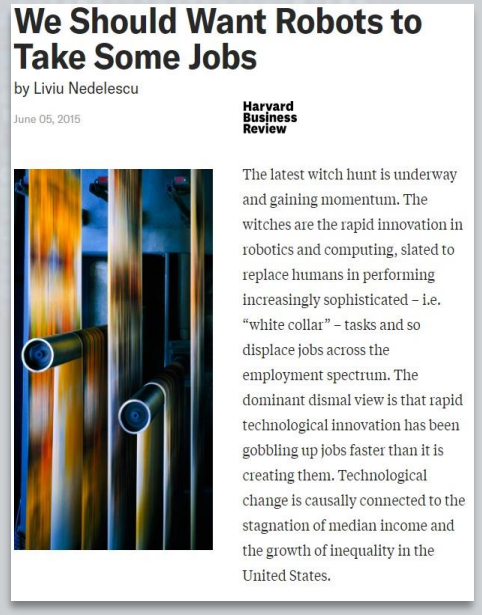
Artificial Intelligence

Resilience Engineering

Thought Leadership







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Clients

Raytheon Missiles & Defense

METRON AVIATION
THE SCIENCE OF HARMONIZING AIR TRAFFIC
AN AIRBUS COMPANY

CROWN

Trencadis

Indigo Arc
INNOVATE. TRANSFORM. SUCCEED.

FEDERAL AVIATION ADMINISTRATION

NASA

EUROPEAN DEFENCE AGENCY

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