MIT Lincoln Laboratory researches and develops a broad array of advanced technologies to meet critical national security needs. What sets us apart from many national R&D laboratories is our focus on building operational prototypes of the unique systems we design.

Key to Lincoln Laboratory’s mission as a federally funded research and development center is the transfer of its technology. This ensures that the U.S. military has access to innovative technical advancements and strengthens U.S. business competitiveness in the world economy.

Problem Decomposition

Technology Transfer

Understanding the Tech

Make LL Technology Discoverable

Identify Potential Licensees

Understanding the Tech

Gettng LL prototypes in the right companies’ hands

Getting LL Tech Discoverable

Soft-Classification with Unlabeled Training Data

Inventor’s Description

40% Artificial Intelligence
40% Cyber Security

Public-Facing Categorization

Identify Potential Licensees

Open Source Patent Data

Augmented with Word Embeddings

FAISS
Scalable Search With Facebook AI

Efficient Searching for Most Similar Technologies

Web Scraping to Gather Citation Network

Clustering with Automated Descriptions for Market Landscape

Inventor’s Description

NLP Transformer

Google BERT Algorithm

Text Embeddings