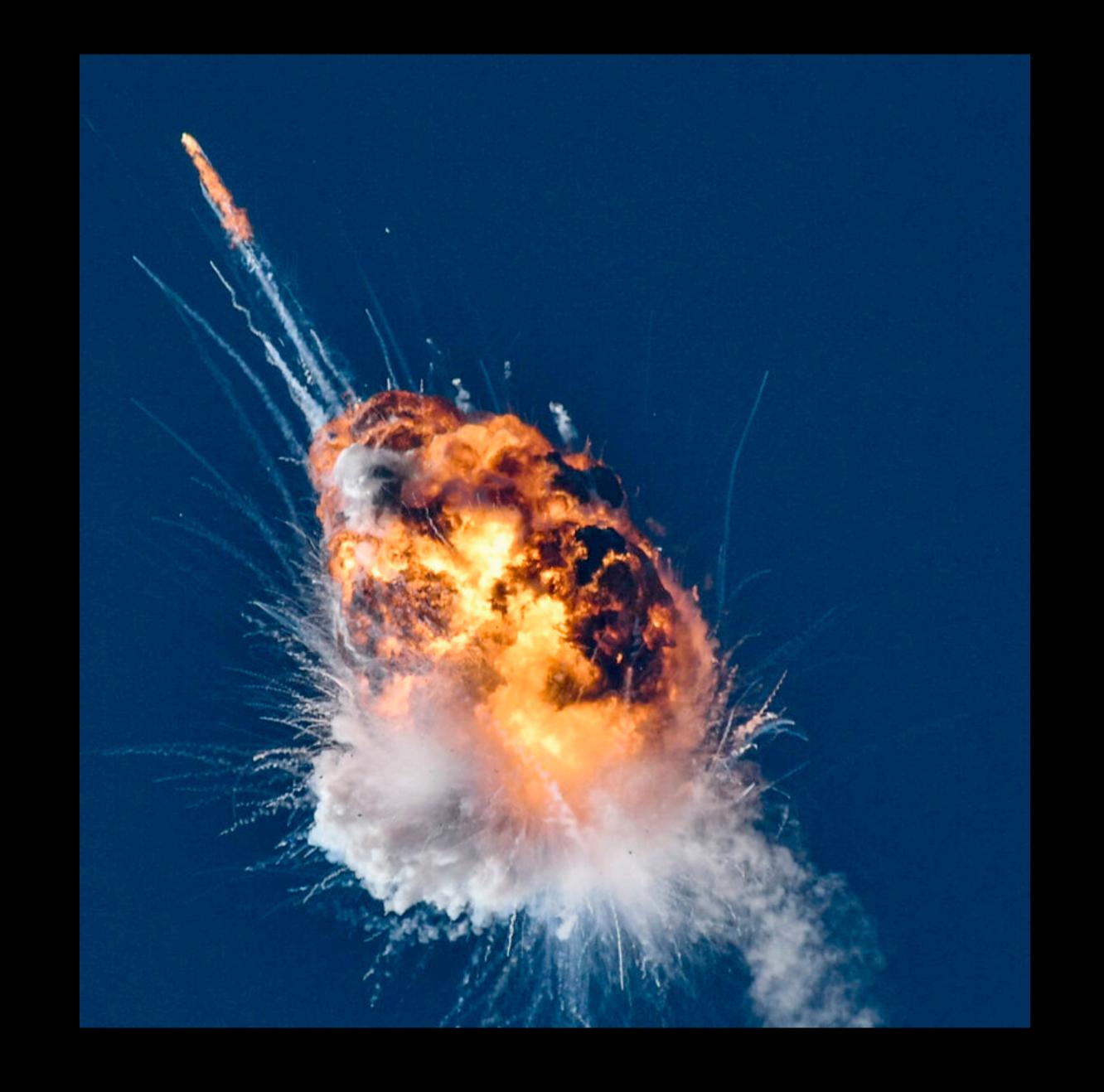
## Entang

**Automating Engineering Design** 

### The Problem

#### Design Errors: A Serious Issue

- Design errors are often detected too late
- Result in delays or dangerous outcomes
- Traditional design reviews are infrequent and labor-intensive
- Errors still slip through to manufacturing or operations



# Problem Details Cross-Team Design Reviews

- Engineers work in silos
- Decisions impact broader systems unknowingly
- Example: Changing O-ring material impacting seal integrity at low temperatures (NASA Space Shuttle Disaster)



### The Solution

#### **Autonomous Error Detection**

- Machines excel at handling large amounts of data
- Our platform:
  - Crawls across knowledge bases (GitHub, Google Drive, OneDrive, etc.)
  - Detects changes in real-time
  - Identifies design problems autonomously



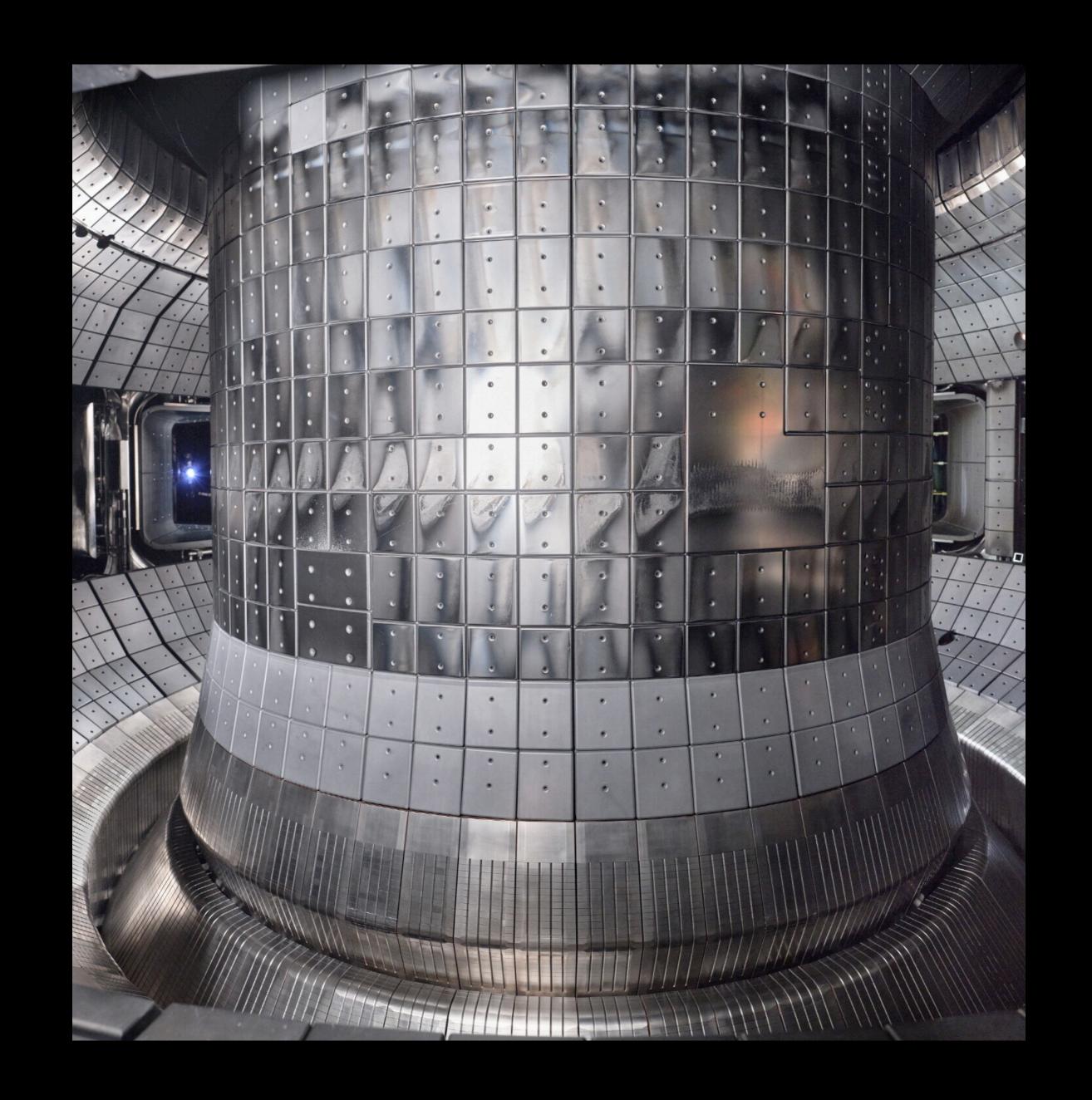
# Solution in Action How It Works

- Suggests targeted solutions to the right engineers
- Delivers daily insights and reviews
- Prevents expensive problems early on

## These errors were discovered from today's work: High-density SSD needs radiation shielding Change in frequency of transceiver of communication system results in EM inteference. Vibrational analysis needed on the onboard server racks. View solutions →

# The Impact Benefits

- Saves each engineer two months of work every year
- Makes engineering safer
- Prevents costly errors (e.g., poor engineering cost Boeing \$100B+0



### Opportunity

#### Safer and Quicker Engineering

- Engineers avoid two months of grinding for design reviews
- Projects are not delayed by an average of seven months
- Early error prevention accelerates project timelines and saves resources

