

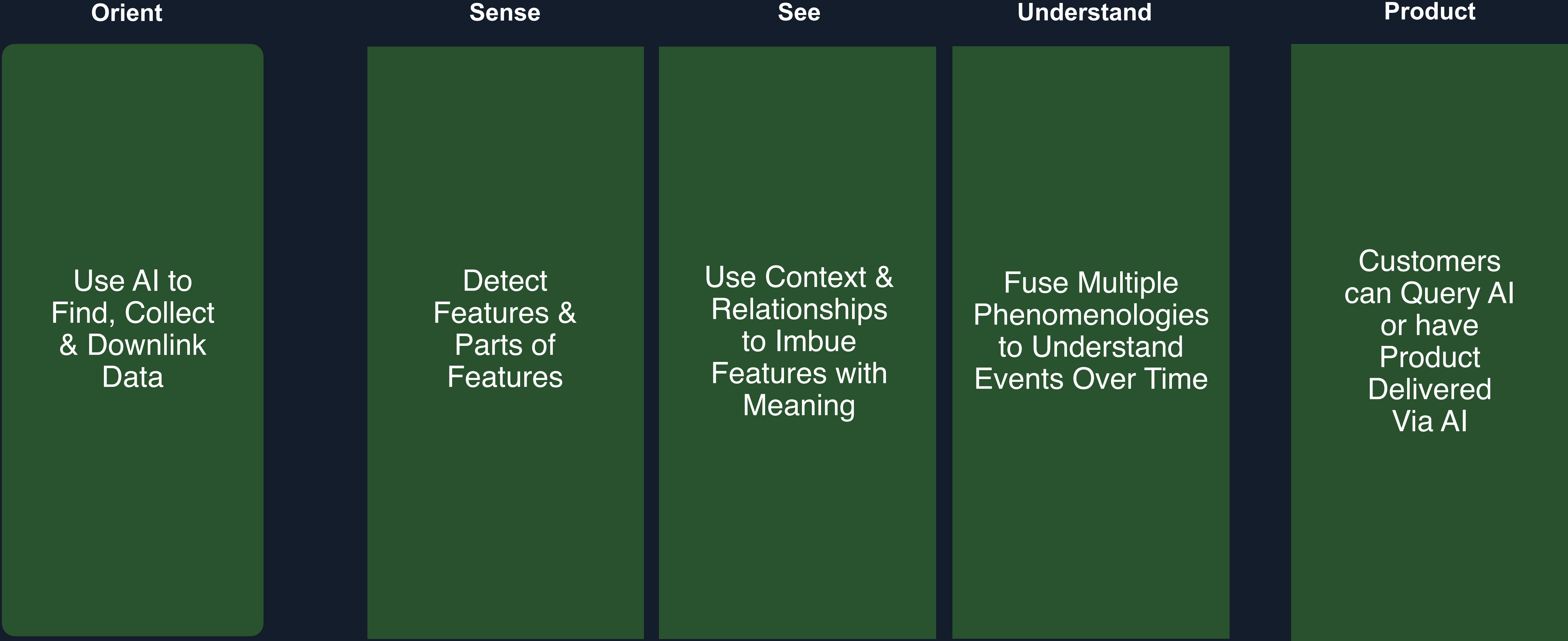


# How To Achieve the AI Multiplier Effect

McKinsey Reports 10-15% Productive Use  
Primary Use Case is Feature Enhancement

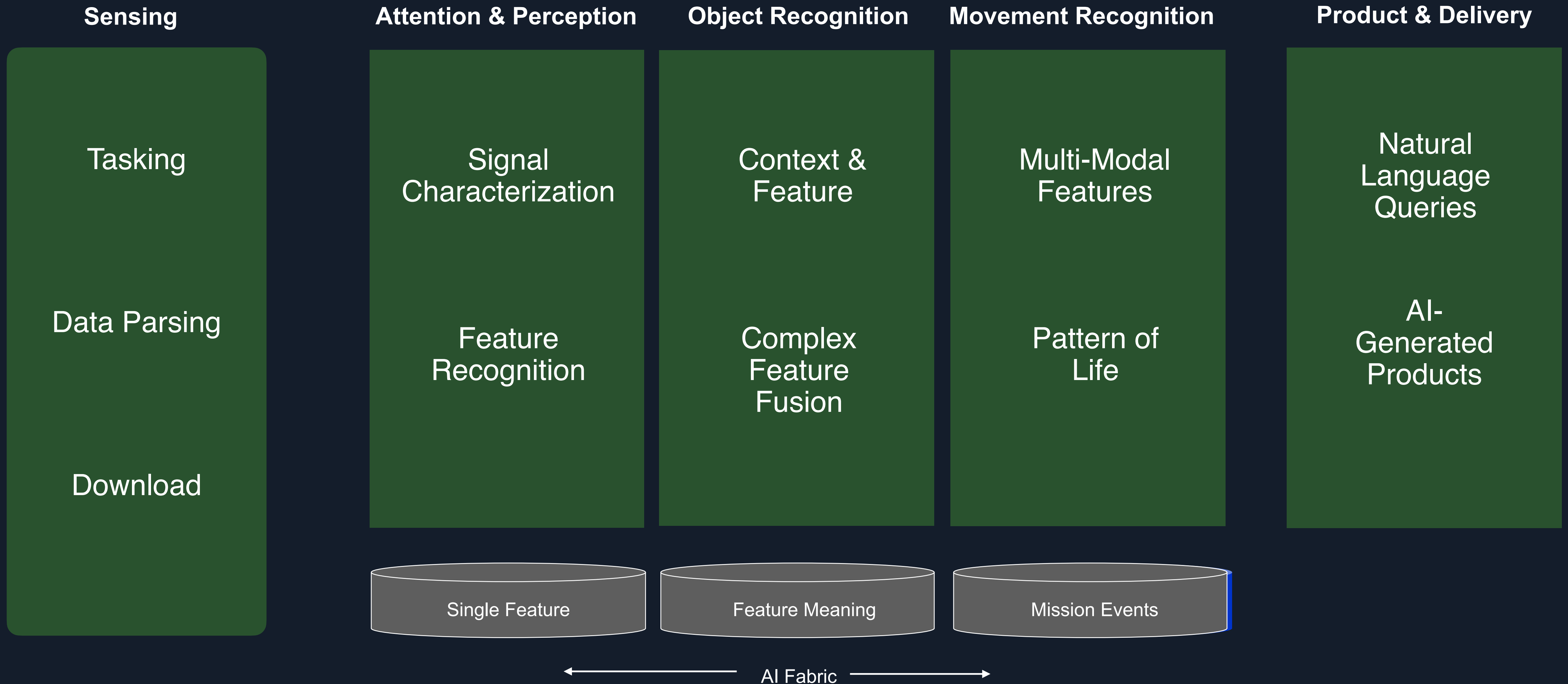
Create an AI Fabric at the Systems Level

# Opportunities to AI-enable the Space Product Lifecycle



← AI Fabric →

# A Variety of Opportunities to Process Space Data with AI



# AI Satellite Tasking & Collection Control

Sensing

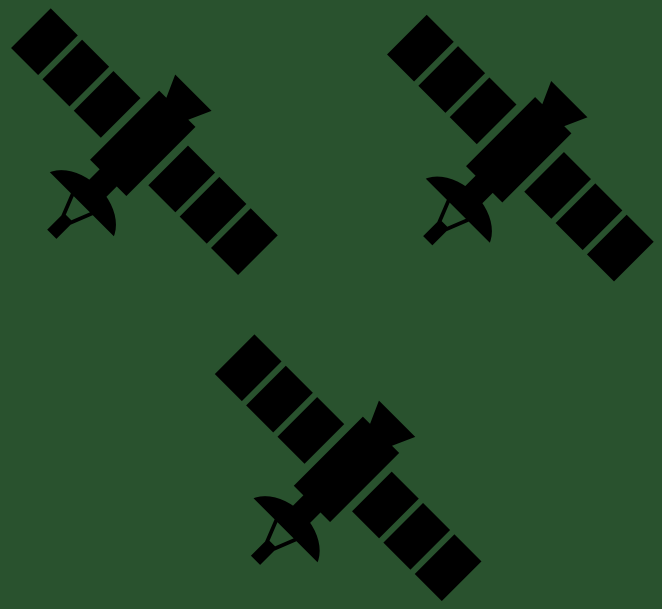
Attention & Perception

Object Recognition

Movement Recognition

Product & Delivery

Tasking  
Optimization



Data Blocks  
Identification

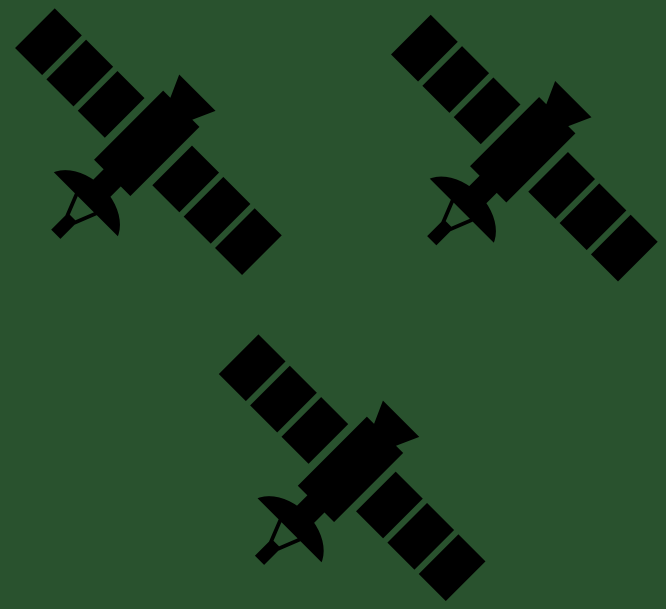


Download  
Optimization

# AI Facilitates Detection & Identification

## Sensing

Tasking  
Optimization



Data Blocks  
Identification



Download  
Optimization

## Attention & Perception

Raw Data

Raw Recording

AI Pre-processing

Data Reduction

Features

Coarse Classification

Subclass identification

Feature identification

Feature Extraction

Data/Feature Storage

## Object Recognition

## Movement Recognition

## Product & Delivery

# AI's Role in Satellite Product Fabrication

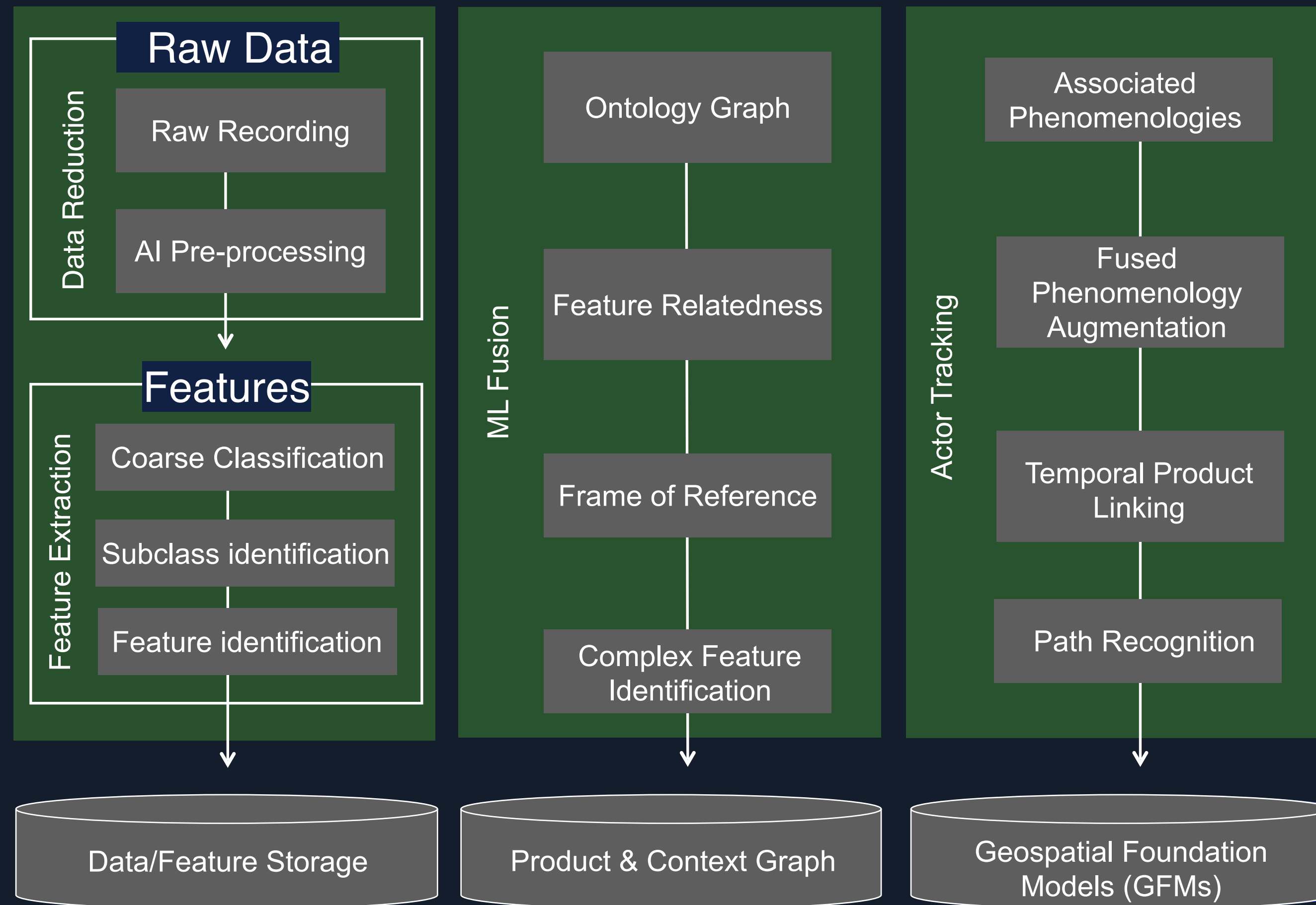
Sensing

Attention & Perception

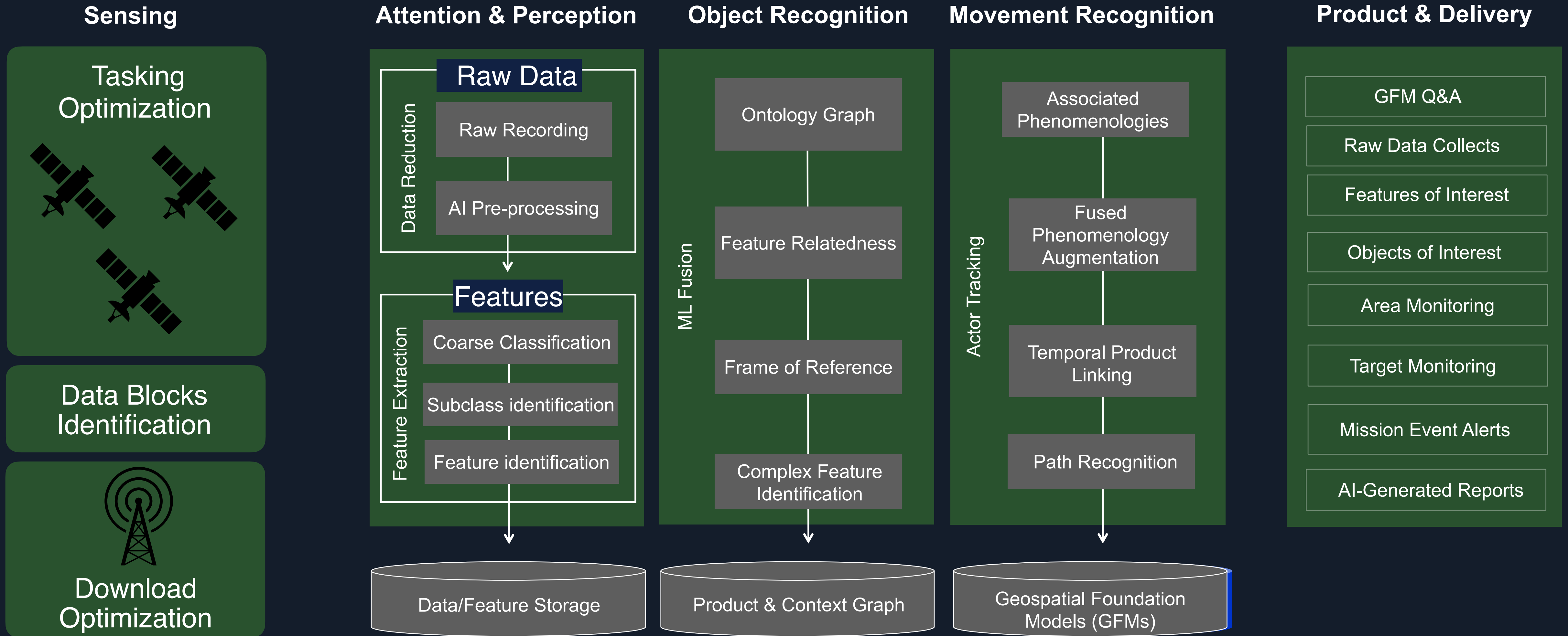
Object Recognition

Movement Recognition

Product & Delivery



# AI-Enhanced Satellite Product Architecture





# An AI Fabric Unifies & Amplifies Individual AI Enhancements

