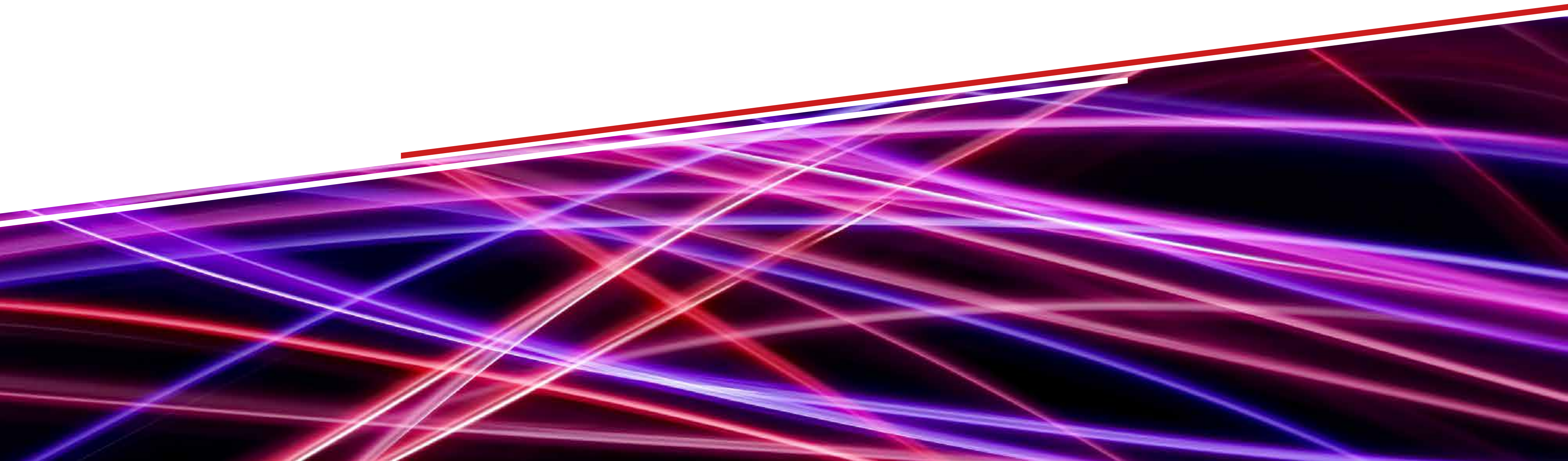


ACE 2024

On the Thread to What's Next



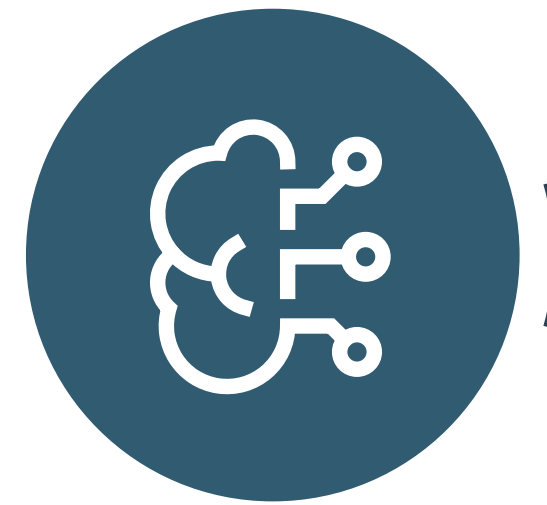
Industry 5.0



INDUSTRY 4.0

DIGITALIZATION

Connected devices, analytics, and AI accelerate and automate processes



INDUSTRY 5.0

COGNITIVE SYSTEMS

Human-AI cooperation, sustainability, resilience, mass personalization

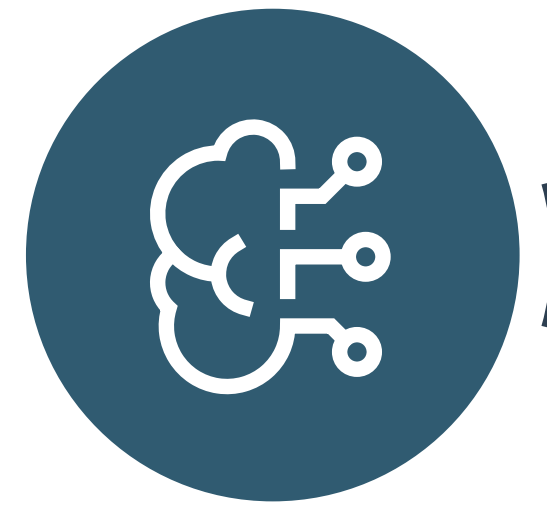
Engineering 5.0



ENGINEERING 4.0

DIGITALIZATION

Big Data supported by systems thinking and MBSE breaks down silos integrates product development teams



ENGINEERING 5.0

COGNITIVE SYSTEMS

AI and extended digital threads expand solutions space for engineers – from “what is” to “what’s possible”



REQUIREMENTS
AS A SERVICE



SYNDICATION
OF DIGITAL TWINS



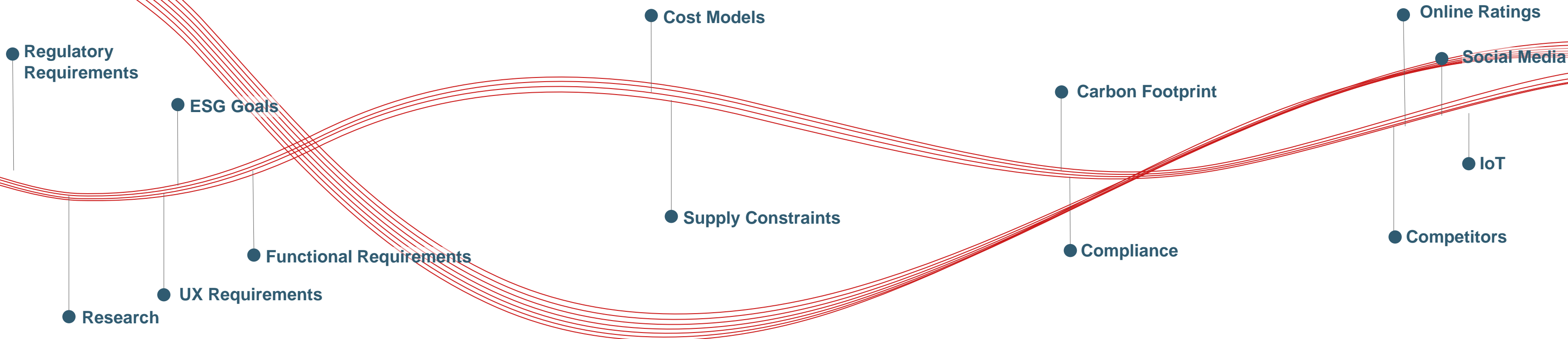
CONTINUOUS
DESIGN STREAMS



AI-INFUSED
ENGINEERING

Requirements as a Service

DEFINE → DEVELOP → BUILD → OPERATE → FEEDBACK



Structured and Machine-readable



Thread-connected and Discoverable



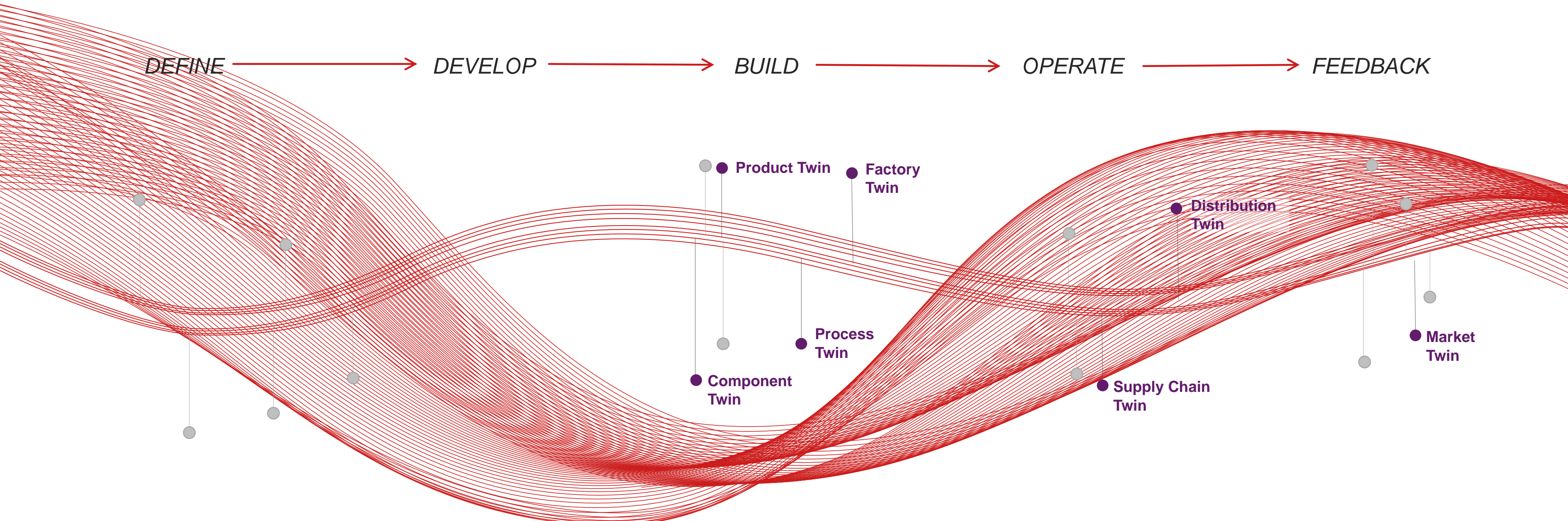
Internal or External Sources



Authenticated and Certified

Syndication of Digital Twins

DEFINE → DEVELOP → BUILD → OPERATE → FEEDBACK



Managed Twins are Published to Thread



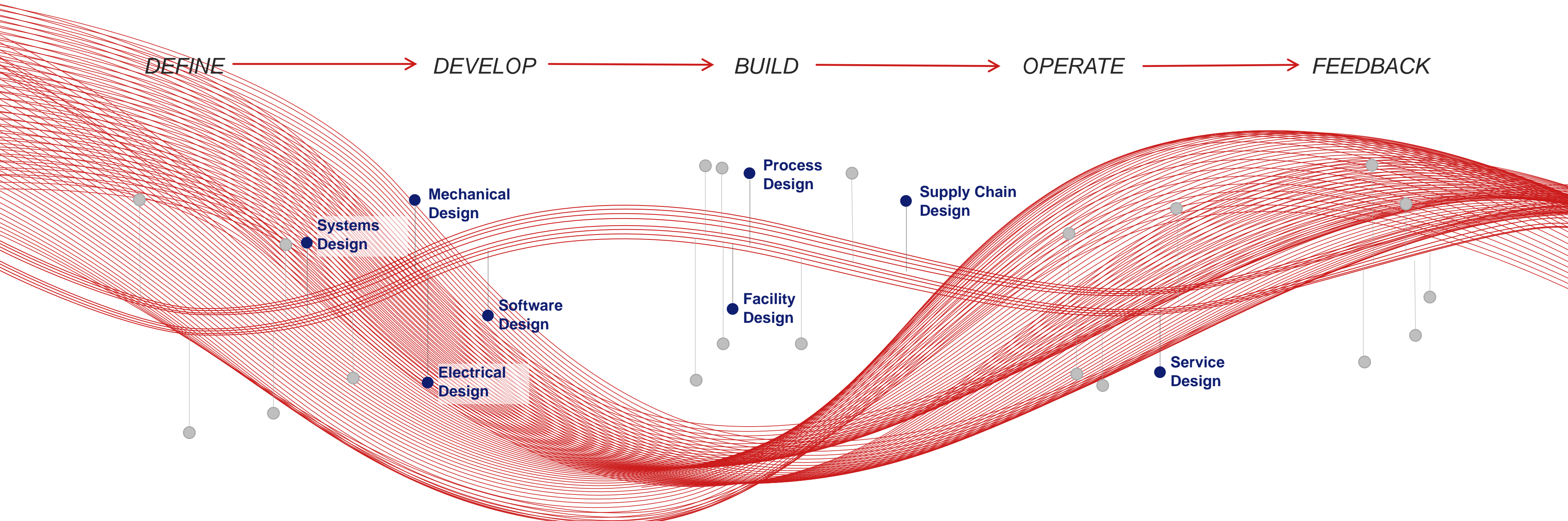
Optimized for Self-Service



Accelerated Feedback Cycles

Continuous Design Streams

DEFINE → DEVELOP → BUILD → OPERATE → FEEDBACK



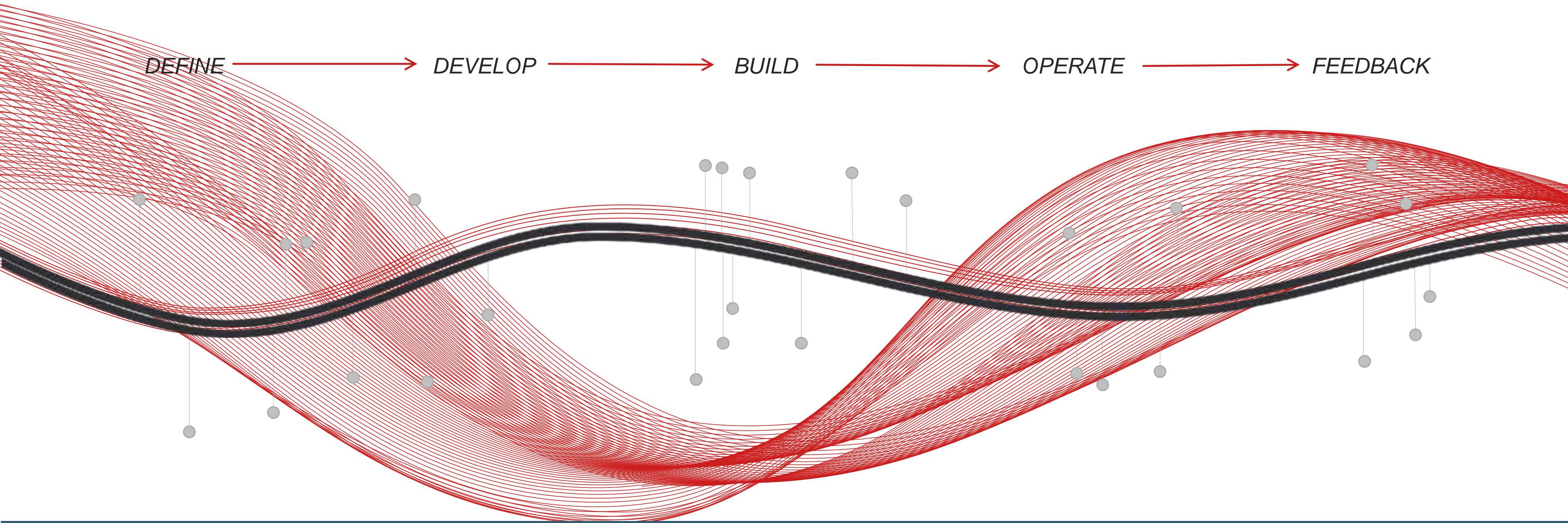
 Systems Oriented

 Highly Iterative

 Simulation Intensive


AI-Infused Engineering

DEFINE → DEVELOP → BUILD → OPERATE → FEEDBACK



 Interactive Information Design

 On-demand Contextual Collaboration

 AI-augmented What ifs...

Ai Generative AI-Driven Design

On The Thread to What's Next

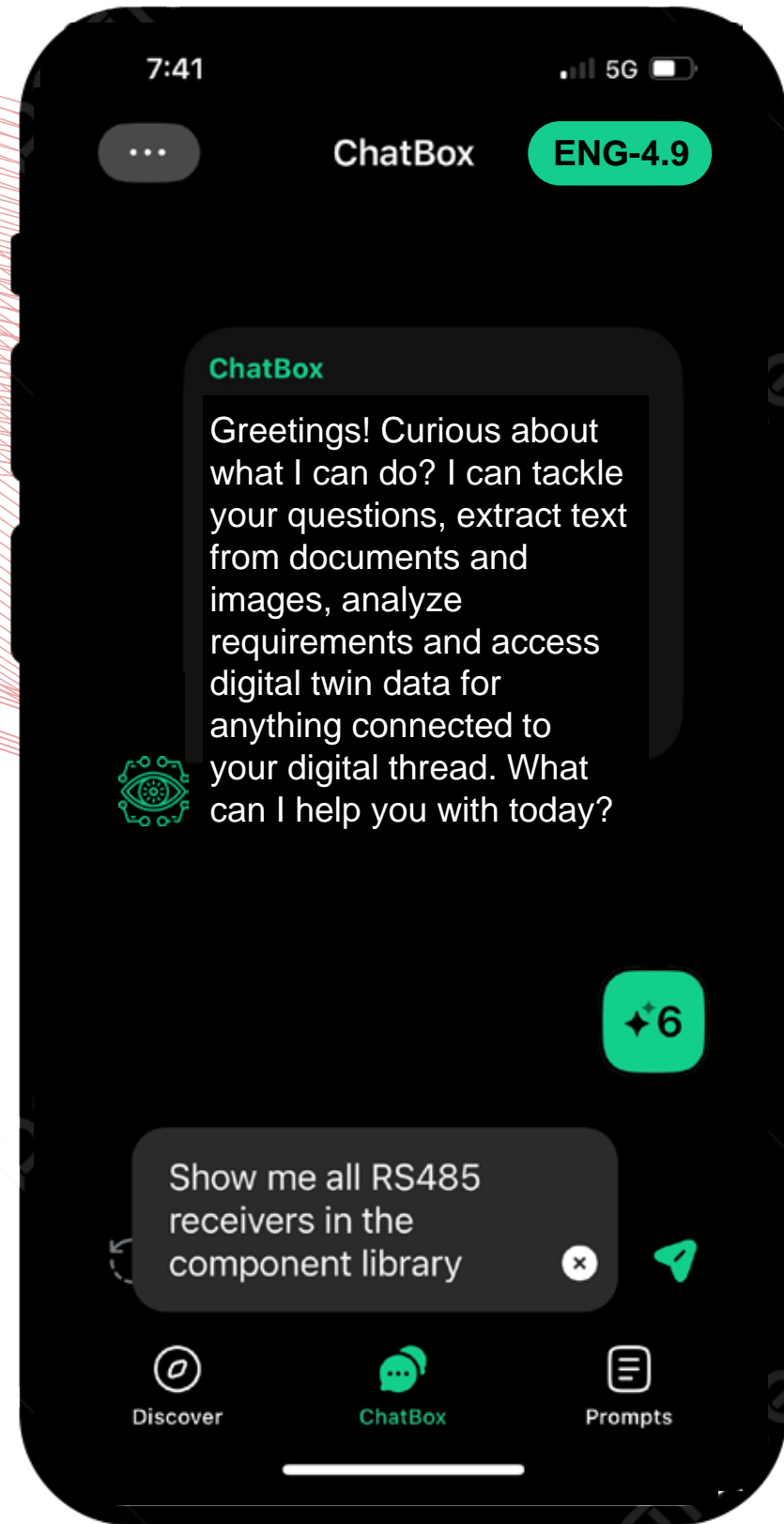
Now.

AI-Assisted



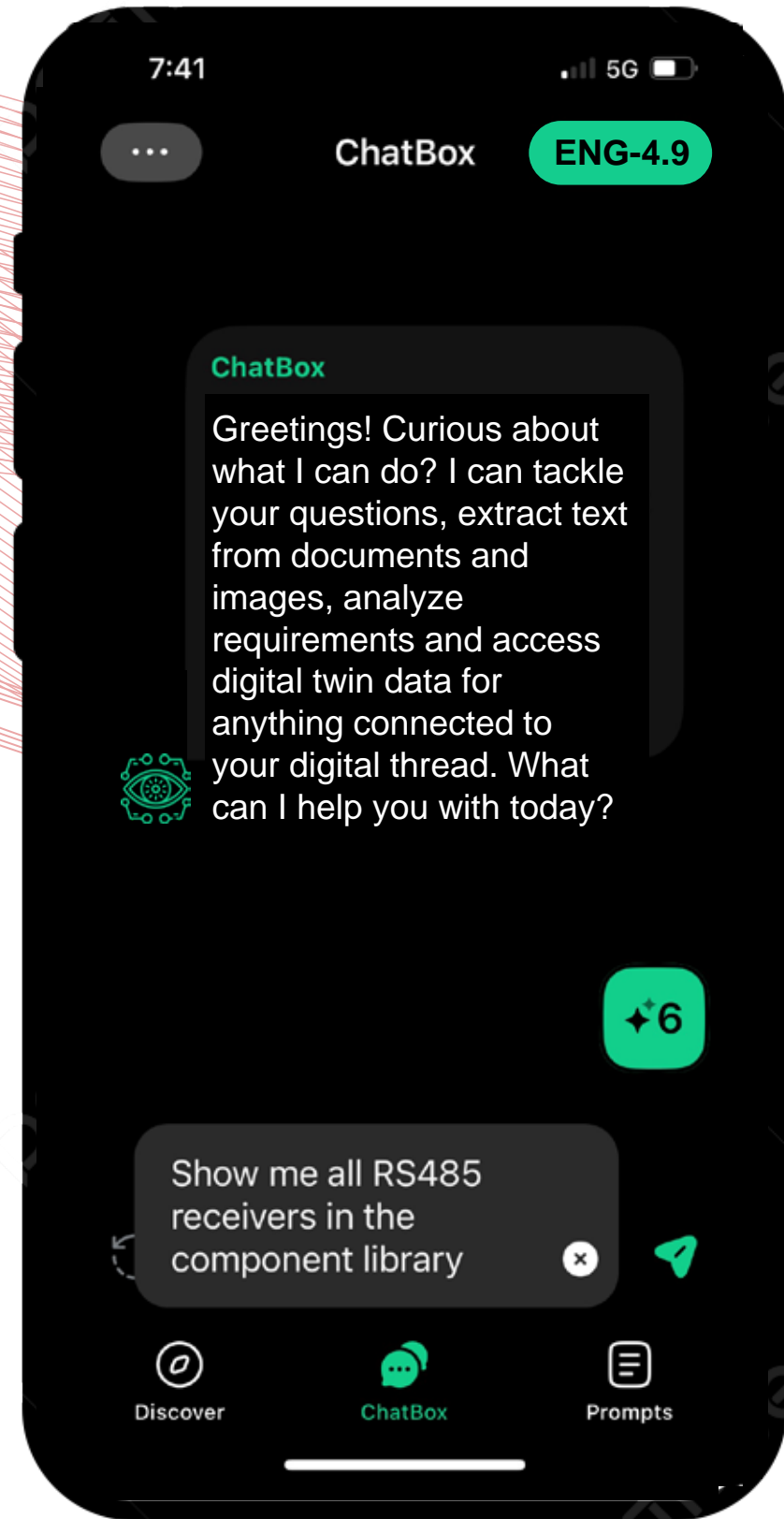
Human driven interaction
with system assisted by
human-prompted AI

On The Thread to What's Next



NOW

On The Thread to What's Next



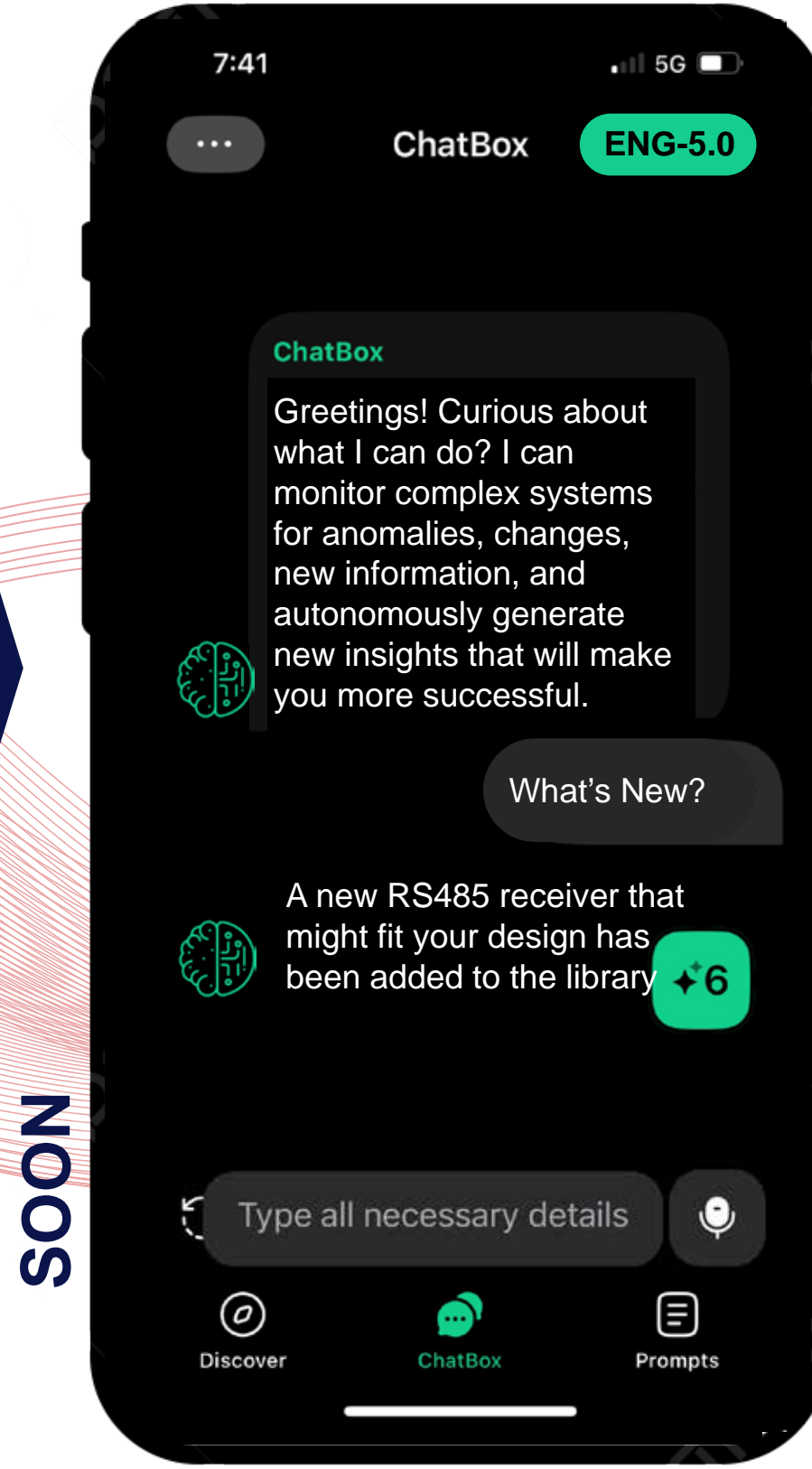
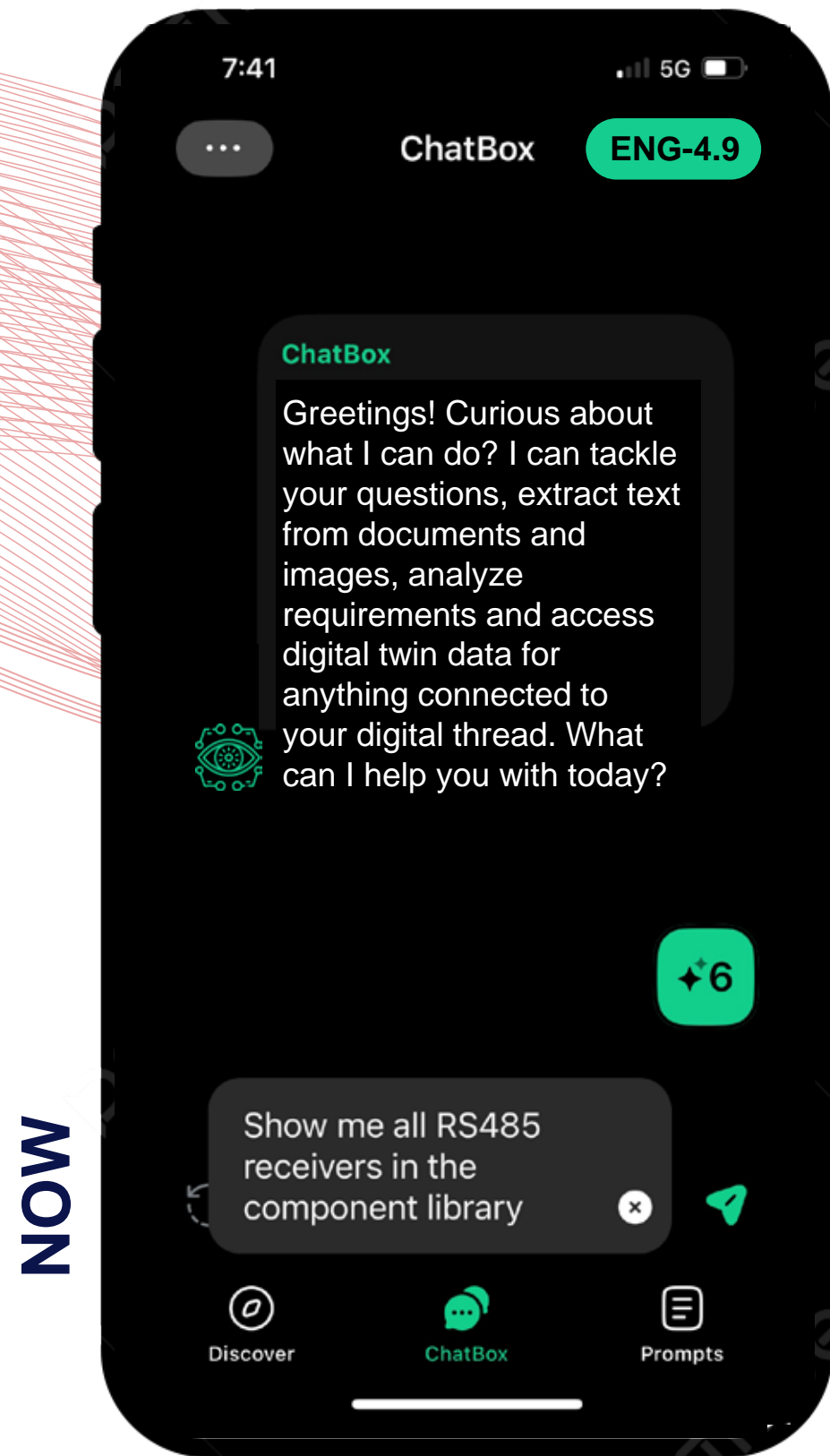
Soon.

AI-Suggested

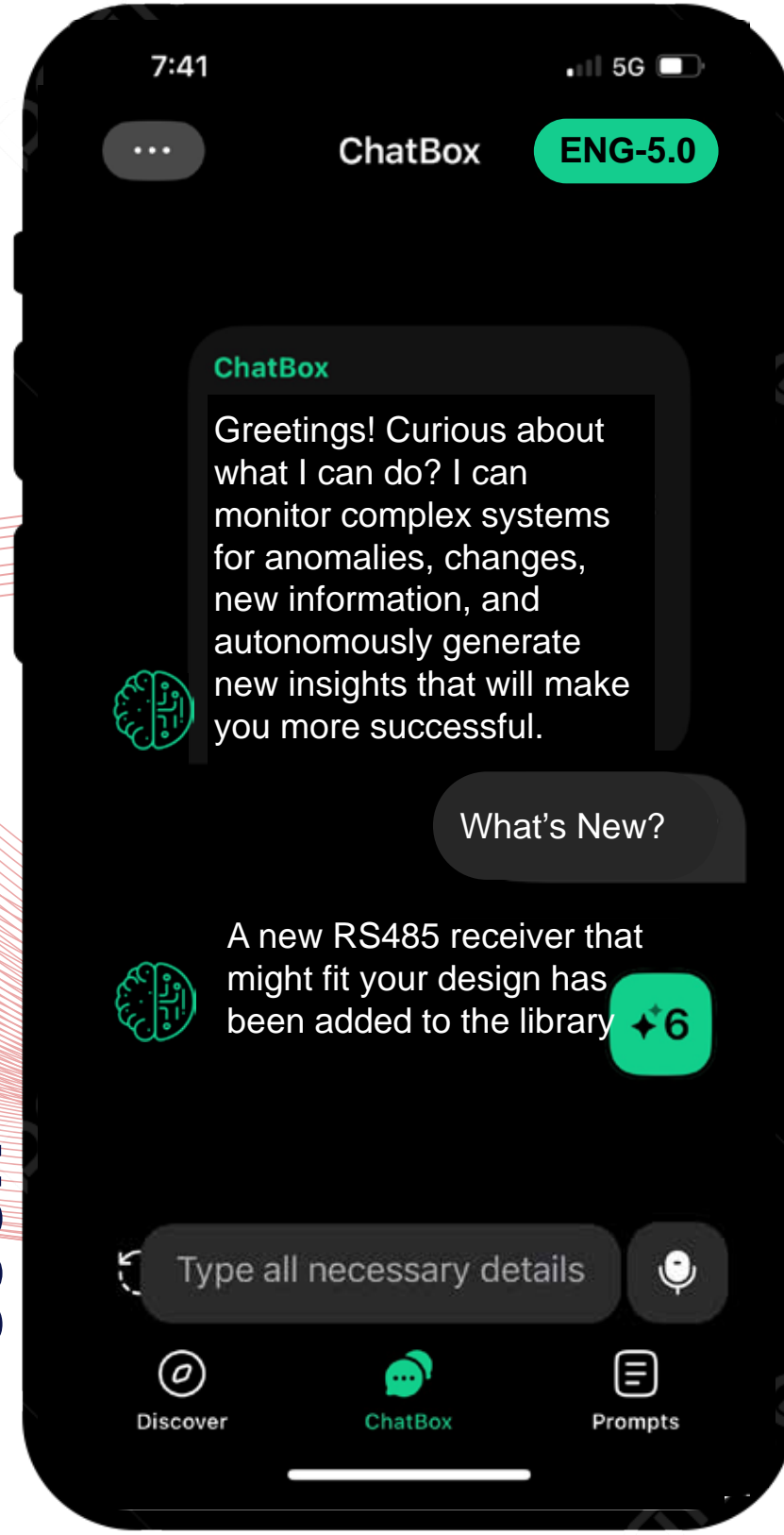
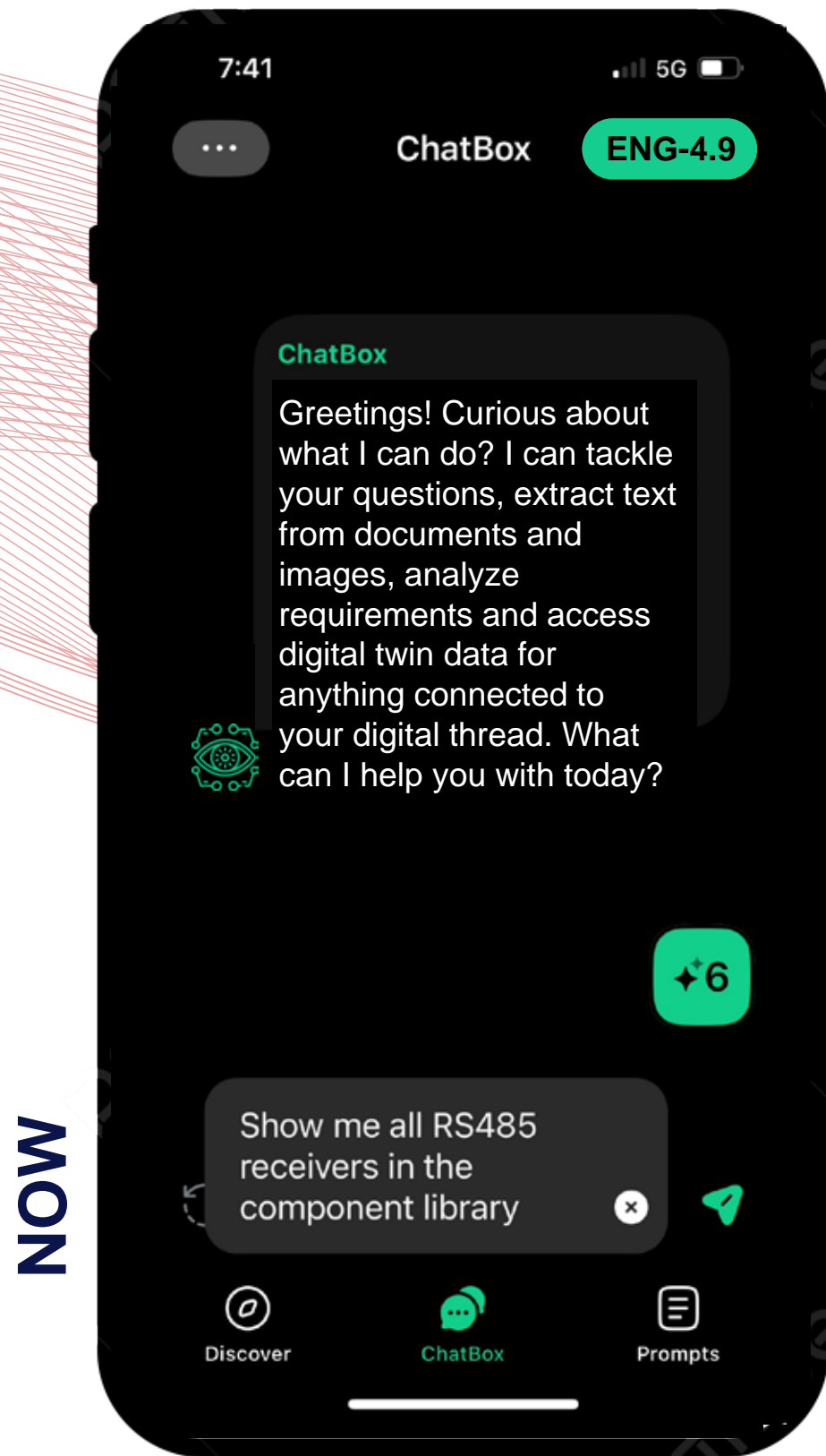


Human driven interaction with systems guided by AI-prompted suggestions

On The Thread to What's Next




On The Thread to What's Next



Sooner than you think.

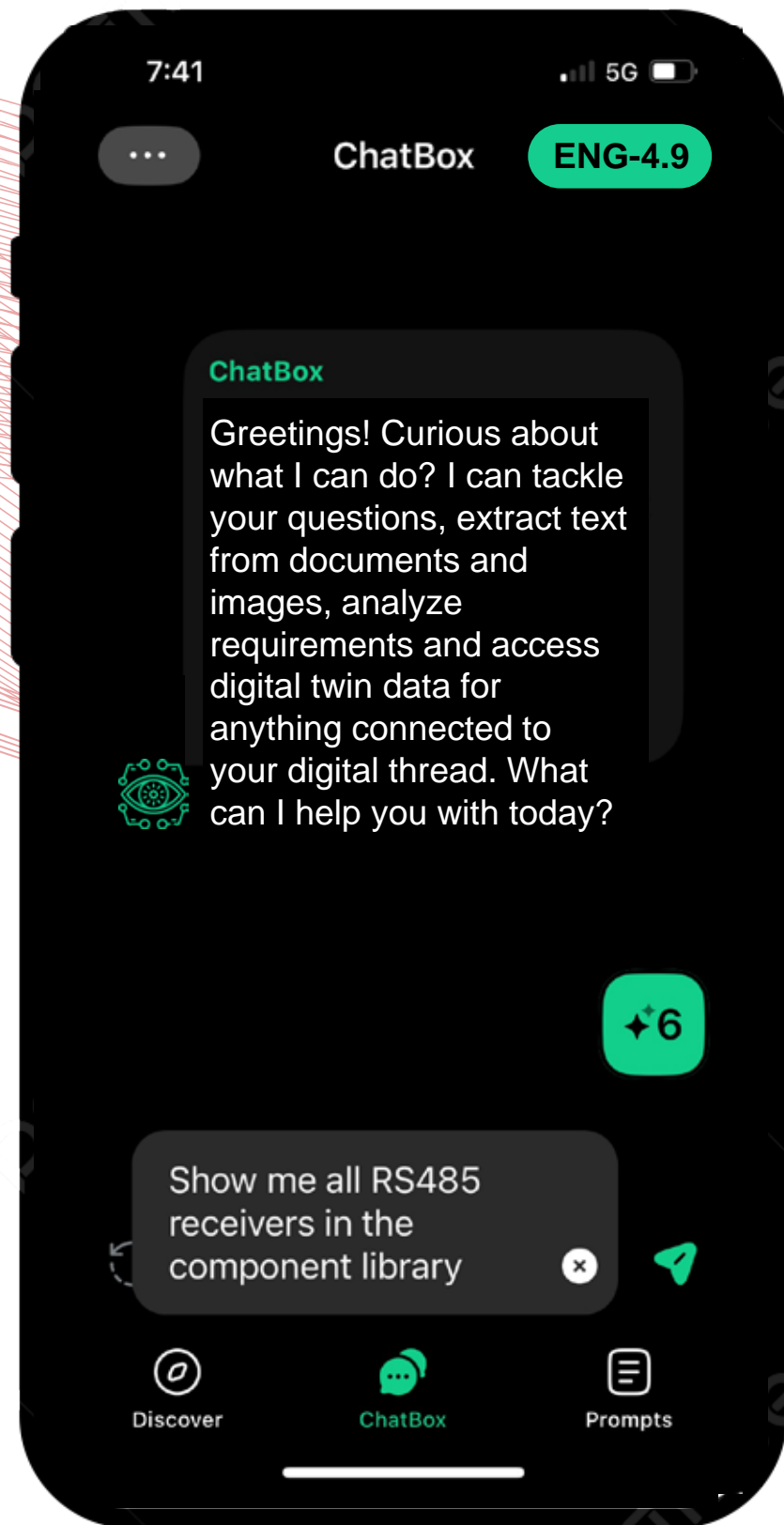
AI-Driven



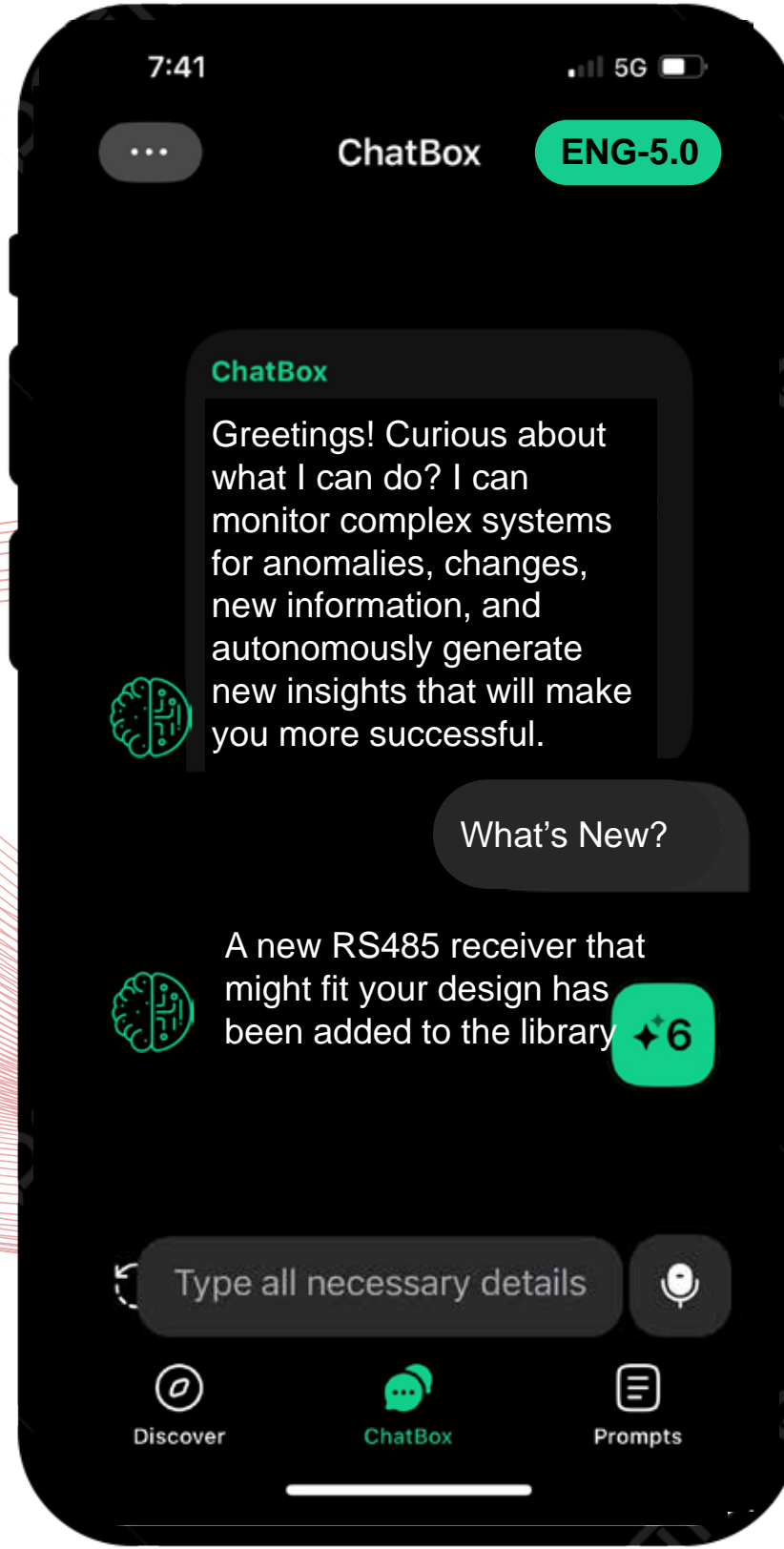
AI-led interaction with systems guided by human-prompted suggestions

On The Thread to What's Next

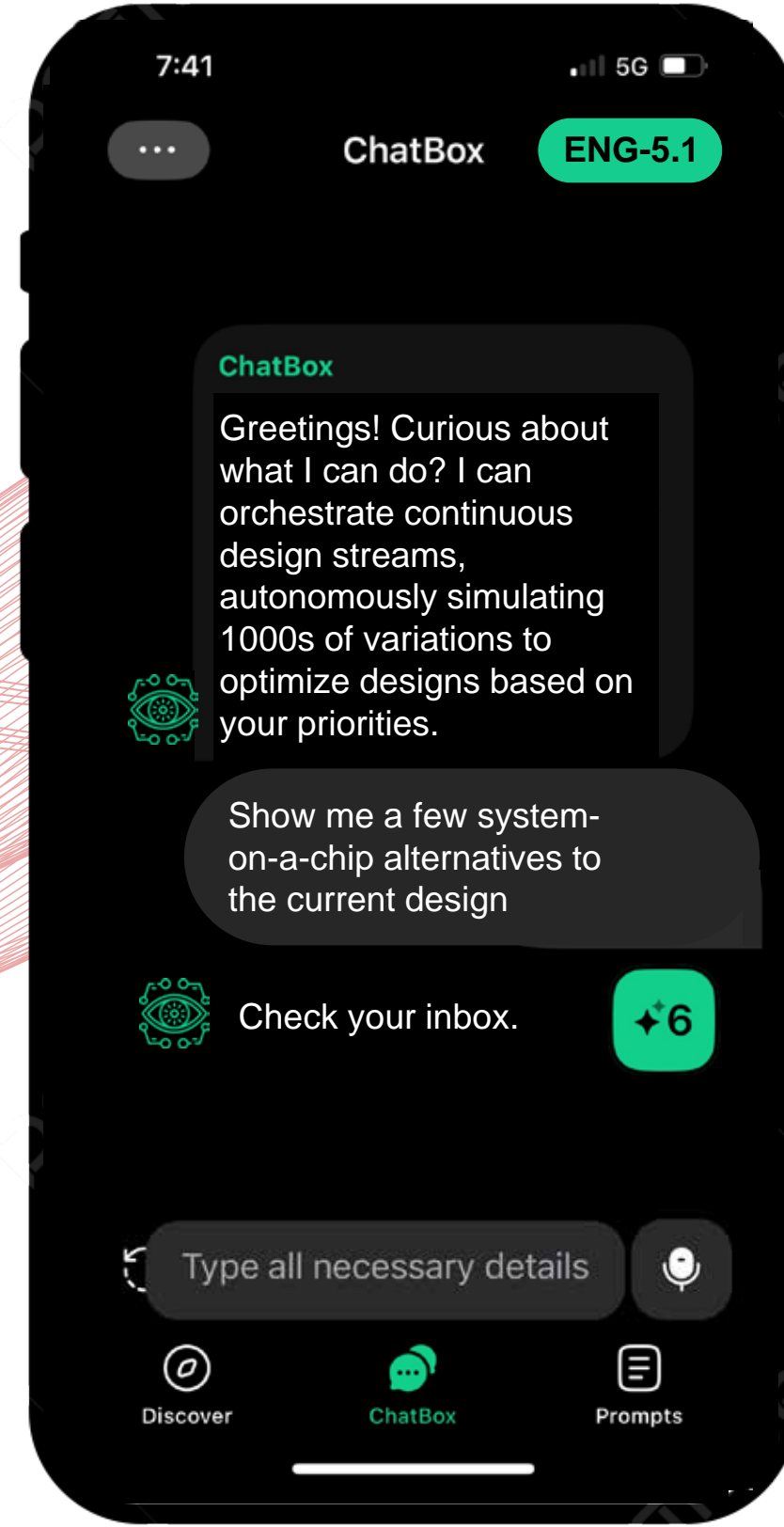
NOW



SOON



SOONER THAN YOU THINK



Own your Digital Thread.

DEFINE → DEVELOP → BUILD → OPERATE → FEEDBACK

