Cleveland Clinic Innovations

PRODUCT
Digital Twin of Cybersecurity Program

Solution delivers actionable and transparent planning, implementation, and management for any organization's dynamic cyber security priorities.

INDICATIONS
Cyber Strategic Planning & Decision Analytics and Operations Management

VALUE PROPOSITIONS

Empowerment and streamlining for visible impact, operational efficiency, and increased velocity of real-time decision-making.

IT standards and practice optimization focused on agile development, resource optimization, and dynamic security needs.

Proactive Decisioning for grounded baseline, real-time updates, and forecasting outcomes.

INTELLECTUAL PROPERTY
US Provisional 63/556,093

DEVELOPMENT STAGE
Minimally viable product (MVP)

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A Dynamic Approach to Decision-Making: Navigating Through Uncertainty with CyberGPS

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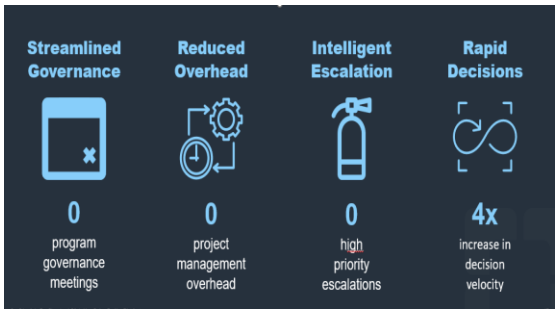
UNMET NEED
Cybersecurity attacks affect healthcare organizations in many serious ways. According to the Health and Human Service (HHS) Office for Civil Rights (OCR) there were 295 cybersecurity breaches in the first half of 2023 alone affecting more than thirty-nine million individuals within the healthcare sector. Strategic technology planning for infrastructure and cybersecurity is often static. Documentation supporting strategic directives on risk becomes incorrect or outdated from the moment of publication. This drives redundancy and inefficiency through executive leadership teams responsible for strategic IT planning and the operational teams to deliver the work. Decision making outpaces the availability of up-to-date information resulting in risks and unforeseen setbacks. When data is available, plans for actions are not well organized, easy to execute, nor timely.

SOLUTION
CyberGPS offers a real-time decision platform that scores, categorizes, and assesses aspects of an organization such as capabilities, goals, services, controls, objectives, key results (OKRs), and resources, and utilizes predictive analytics to create strategic alignment for optimal outcomes. More particularly, CyberGPS is a strategic planning and decision support architecture/platform that utilizes the Eisenhower decision framework and like techniques to score, catalogue capabilities and services, and align goals, priorities, and metrics to support organizational decision making and remediation plans.

The result of which is a real-time personalized weighting for importance and urgency for key tasks based on a resource's role within an organization related to the task.



CyberGPS applies a data model, service orchestration, and decision analytics to enable forward-thinking decisions. The validated platform offers an unprecedented ability for the cyber security function of any organization, include one of the top hospitals in the world, Cleveland Clinic, to strategically manage an everchanging roadmap in incredibly agile ways to ensure optimized protection.