

PREEMPTIVE DATA SECURITY

Ray is the first preemptive Data Security vendor reducing attack surface by 90% in a matter of weeks

Data Security Is Broken

Last year, over 8,000 ransomware attacks and data breaches hit. Data doubles every 24 months. Systems get more complex. Data protection projects fail. Data is stolen, compromised, and encrypted more often. Intruders will break through. Not if, but when.

Millions are spent on technologies for reporting. They lack actionability. Administrators must define sensitive data. They weren't trained for it. They find millions of issues with no clear action. Security practitioners can't win this battle.

90% Data Exposure Reduction

"The speed and veracity of targeted cyberattacks are outpacing defenders, driving a shift to predictive security. Product leaders should evaluate the opportunities and challenges AI-based predictive security will bring to their product strategy"¹

Preemptive data security means using prediction to shrink the attack surface. In Gartner's terms, it includes **"the use of machine learning ML/AI tools to identify vulnerabilities and predict scope for exploitation"**. Ray creates a predictive mapping of critical data to protect from ransomware and breaches with a unified, easy to manage policy.

Preemptive Data Security

Ray's autonomous data attack surface management

Not all data was created equal. In reality, at any given time you only use a fraction of your data, but the rest of your data typically sits there, exposed for no reason. Ray found a way to use this data, regardless of where it is, to your benefit. Ray trains modern AI, shows what's critical, and adjusts security to business needs. Ray controls exposure levels based on business needs. The technology relies on continuous learning of critical data over time, and on a unified data policy for your entire data estate.

Use Cases



Data Attack Surface Reduction



Zero Trust Data Access



Ransomware Resilience



Breach Prevention



Data Compliance



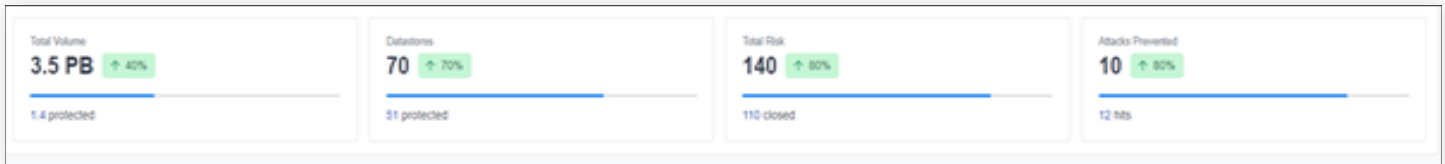
Permission Drift

¹Emerging Tech: The Emergence of AI-Based Predictive Security

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Data Attack Surface Reduction

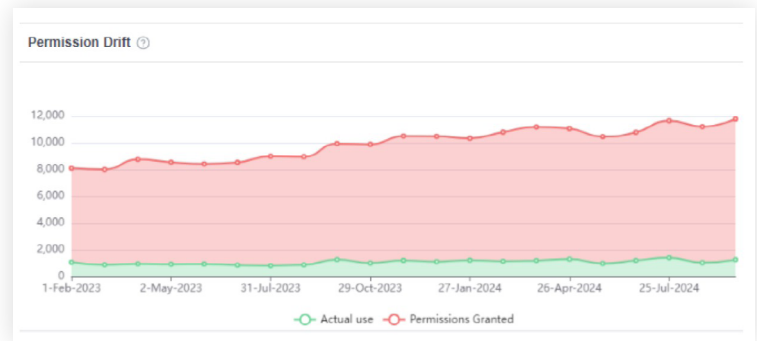
Preemptive data security allows for a dramatic reduction in the data attack surface. Ray uses a heatmap of critical data to provide an adjusted security policy for each data class. Users get a control plane to manage data security—regardless of where the data is—with unmatched simplicity and uniformity. The attack surface reduction can be as high as 95%.



Zero Trust Data Access

Reduce chances of exfiltration with preemptive data overexposure reduction

Ray discovers, visualizes, and handles excessive sharing and permissions issues, ensuring compliance and minimizing the attack surface.



Ransomware Resilience

In the face of an attacker Ray monitors, alerts and controls access to most data and verifies the resiliency of the rest. Ray's criticality mapping focuses additional protection tools (if present) on the most needed data and ensures fast recovery if damaged. This saves time and can mean the difference between a minor hiccup and a disaster.

Resilience Score ?

