

Design Ob	jectives	
	Security Goals	
	 High Accuracy In Real Time Avoid The End Point: Assume Compromised & Tablet, Smart Phone Growth Don't Impact The User/Customer Experience Don't Touch The Web Application/Rely On Logs Self Learning, No Tuning Required To Proactively Detect New Threats 	
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actionable intelligence from trusted sources and COIs



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Threats Span Across Customer Interaction Points





The RSA Silver Tail Approach

Theoretical 192.168.17.221 172.26.123.12 192.168.17.222 192.168.17.223 192.168.17.224	 The decision is based on deductive reasoning, such as, something happening against other possible things that could happen. For example, looking for a specific datapoint, such as a specific signature.
Empirical	 The decision is based on data that has been collected by experiments and direct observation A data scientist takes an empirical approach to analysis.



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The RSA Silver Tail Approach

Theoretical 192.168.17.221 172.26.123.12 192.168.17.222 192.168.17.223 192.168.17.224	 Anomalies, detection, analytics We detect the current user/IP sessions to the statistically averaged user behavior for a site
Empirical	 The decision is based on data that has been collected by experiments and direct observation We examine known threats, rules, signatures



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The Theoretical Approach

- Traffic patterns
- Profile of session compared to data model
- Anomaly ratio = difference between the data model and a current session
- Auto-tuning mechanism accounts for cyclical patterns
- Normalized score is calculated

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