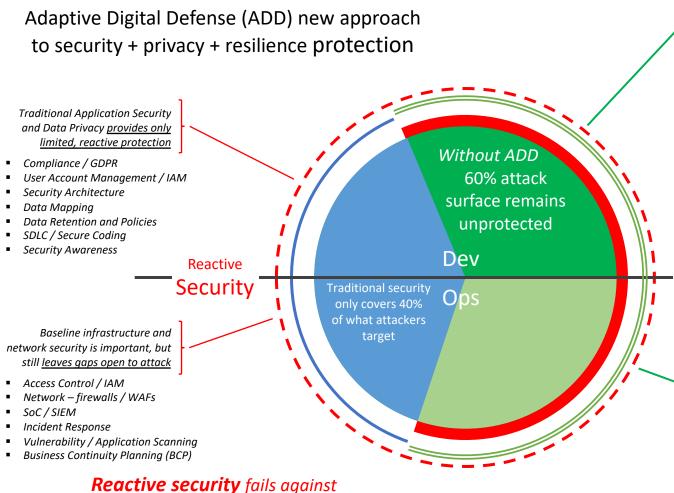
Autonomous Digital Defense

RFC – Opensource ideas for community feedback

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Adaptive Digital Defenses



'Security/Privacy-by-Design' delivers real-time 'Active Business Rules Enforcement' required to secure data use and prevents user error

- Automatic data classification
- Email/IM/Communication defense (Phishing / AI behavioral defenses)
- Real-time file collaboration tracking and controls
- Internet traffic monitoring and restriction
- System-to-human data export protection
- Business process abuse application logic security
- Proactive log monitoring and alert management

Preventive Defense

Adaptive Digital Defenses
prevent attacks and actively close
control gaps in real-time

'DevSecOps' prevents misconfiguration and actively enforces infrastructure, network and administrator security hygiene

- API real-time monitoring and protection
- Secure change pipelines / in-line validation
- Safe Zone Bastion Hosts + 'Walled Gardens' + border data screening
- Restricted production / minimum data access
- Continuous Security Configuration Enforcement
- Container Security Discipline
- Preventive 'zero-day' security patching
- Real-time software defined security + network defenses
- Operational Resilience + Roll Forward DR ('Chaos' resilience testing)



continuously evolving attack patterns

Adaptive Digital Defenses

New places + techniques + tools approach to protect people, process, technology and data

'Security/Privacy-by-Design' delivers real-time 'Active Business Rules Enforcement' required to **secure data use** and **prevents user error**

- Automatic data classification
- Email/IM/Communication defense (Phishing / AI behavioral defenses)
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Adaptive Digital Defenses use new advanced and adapted change control to track and monitor how users and system use and move data around the network.

By enforcing data and behavioral control checks in the path where users use information and systems transfer data, adaptive digital defenses make existing controls more effective and provide new ways to protect the digital experience.

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Dev

Preventive

Defense

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We'd love to hear from you (ADD-cc@daveinthecity.uk).