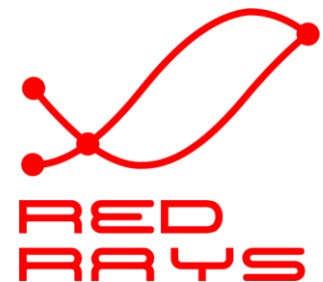
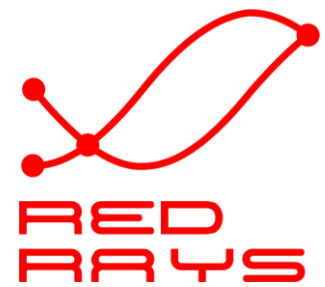


Taking Your SAP BTP Application Security to the Next Level: Insights from SAP Partner **RedRays**

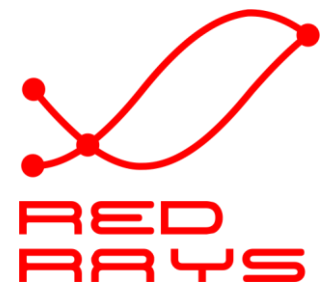
Vahagn Vardanian
Co-founder and CTO **RedRays**



Introduction



SAP BTP

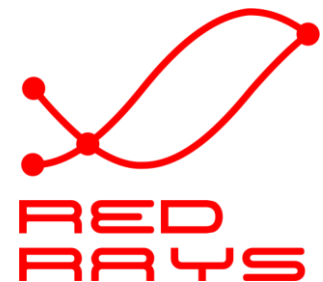


SAP BTP

- Identity and access management
- Data encryption
- Network Security
- Compliance

others

- ISO 27001, ISO 27017, ISO 27018 - Information Security Management System
- ISO 22301 - Business Continuity Management System
- SOC 1 Type 2, SOC 2 Type 2
- C5 Type 2 (BSI Germany)
- EU Cloud Code of Conduct
- CSA STAR
- TISAX (Trusted Information Security Assessment Exchange)

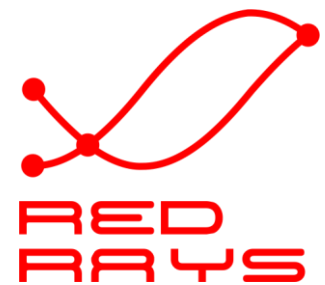


Cyber Security issues

- Issues in the custom code
- Insecure configurations
- OWASP TOP 10



O WASP TOP 10



Weak password policy

- 90% of passwords have this structure:

TUM LABS

%word% %numbers% %symbol%

Where:

%word% - name of the company, user name, or initial password

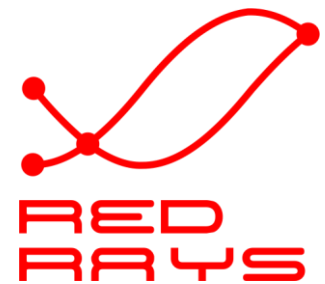
%numbers% - 3 digits gold number (111, 123, 321 or other) or years

%symbol% - most passwords end with “@” “*” “.” or “!”

Threat Modeling

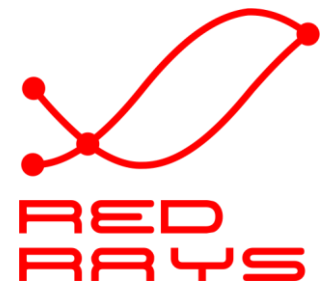


Custom code review



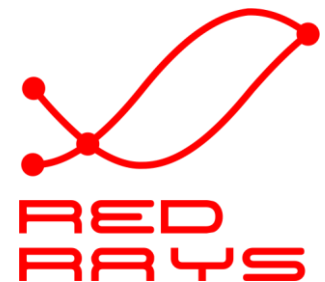
Best practice

- SDLC in CI/CD:
 - Sanitizing users' input
 - Secure authentication and authorization
 - Coding best practice
 - Others
- Monitoring*:
 - SIEM, Logging

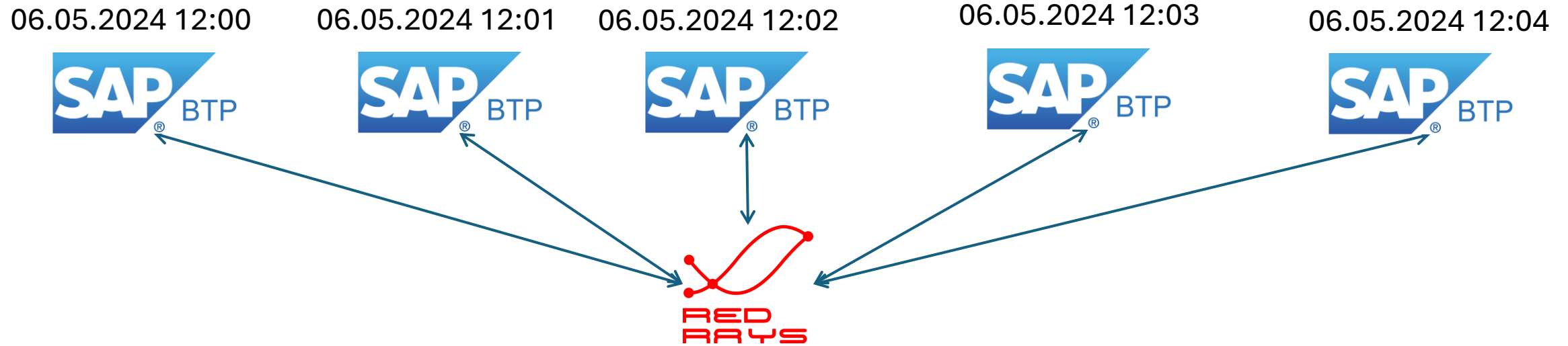


RedRays

- Vulnerability assessment, Custom Code review and Training
- State-based monitoring

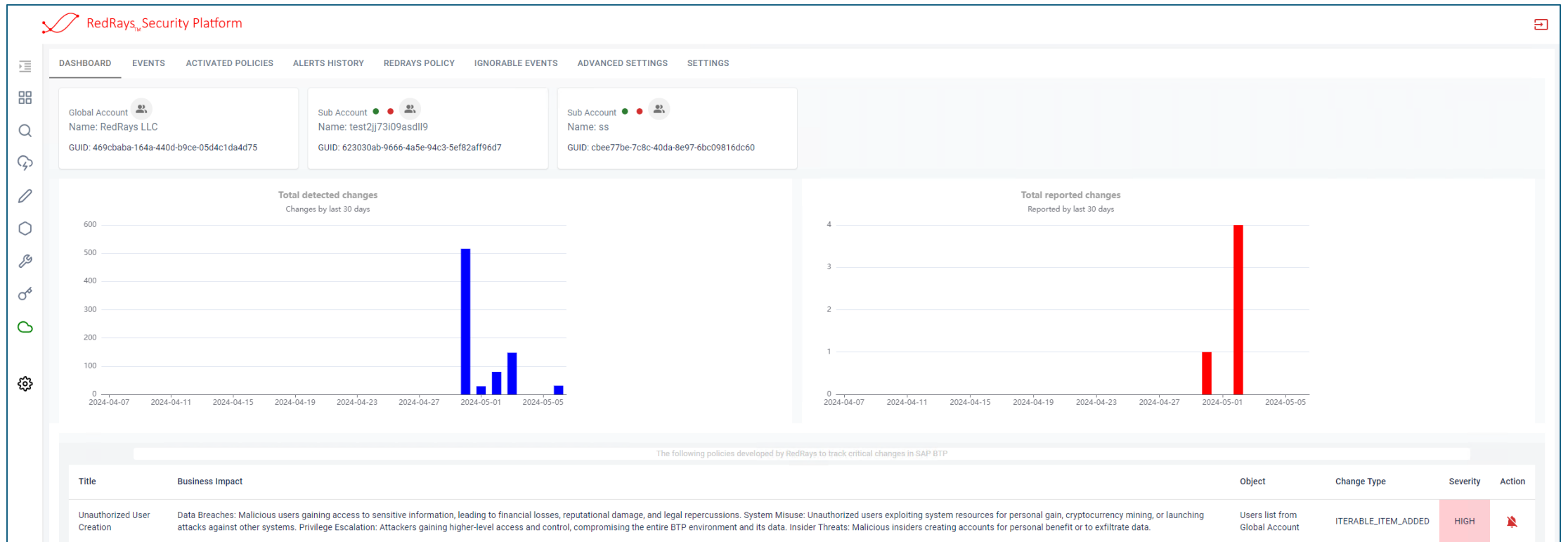


State-based monitoring



Id	Change type	Change object	Data-time
#1	Add new X user	Global users	06.05.2024 12:00
#2	Add new role to X user	Global user X	06.05.2024 12:01
#3	Remove roles from Y admin user	Global user Y	06.05.2024 12:02
#4	Deploy new application	CF eu10	06.05.2024 12:03
#5	Remove X user	Global users	06.05.2024 12:04
...			

RedRays Security Platform for SAP BTP



Thank you

Secure your investment,
Secure your future

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