



Security Design Assessor Overview

August 2023

Security design assessor | Overview

Security Design Assessor enables organisations to assess and visualise vulnerabilities in their IT security framework and design. It benchmarks the performance of an organisation’s security framework against industry standards, across **80+ pre-defined KPIs with ‘one click’**.

Business need

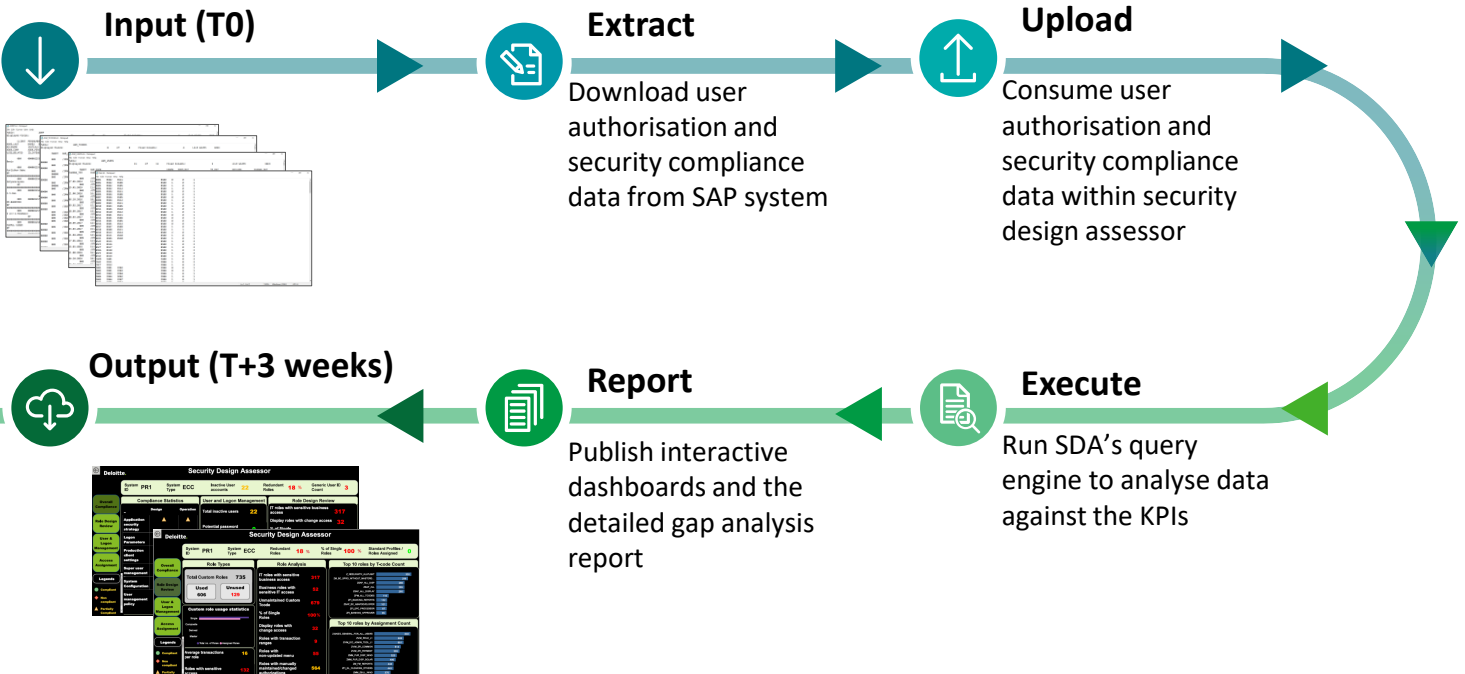
- **Timely identification of gaps in security design** to manage risks and audit compliances
- Need to decide the **approach for HANA migration** – technical migration vs greenfield security design for S4 HANA
- **Lack of business bandwidth** to perform periodic review controls, leading to unmitigated risks and undetected issues

Tool highlights

- **Flexibility** to add/remove KPIs as per client’s requirement
- Use of **analytics and automations** for faster reporting and reduced manual errors
- **Interactive dashboard** to support root cause analysis of issues
- **Transaction usage analytics** drives faster conclusion on remediation actions
- **Role and user assignment KPIs** to identify system usage and security design anomalies

Benefits

- **Security design gap identification** with greater accuracy
- **~75% reduction** in the assessment effort with automated analysis
- Periodic identification of gaps and initiation of remediation actions for **effective risk management**
- Enables fact-based decision making to **create a lean security design**
- Helps in reducing license cost by **identifying dormant users**



Security design assessor | Dashboards

Executive dashboard

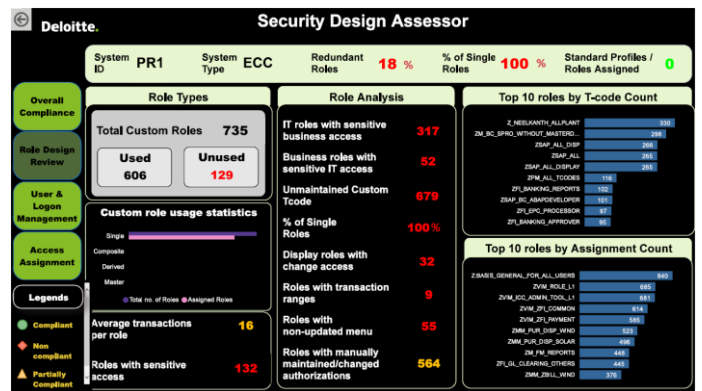


Summary view to publish the overall system health across compliances, role design, user and logon management, and access assignment related KPIs

Role design diagnostics



Detailed KPI-based reporting on the health status of roles in the system, enabling clients to take informed decisions and achieve lean security models



Key highlights

- **Compliance statistics** – Gaps observed with overall design and framework for application security needs immediate attention
- **User and logon management** – There are 22 inactive SAP user accounts who haven't logged into the application for more than 90 days
- **Access management** – 460 active users observed with access to sensitive tcodes; access review must be performed to validate and remove excessive access

Key highlights

- There are **18% redundant roles** which must be reviewed and deleted
- **Review and revoke** sensitive IT access from 52 business roles and sensitive business access from 317 IT roles
- All **edit access must be revoked** from 32 display only roles
- **Review and reduce** the wide access granted to 9 Roles with transaction ranges
- **Review transaction usage** of users to limit access as per job responsibilities

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