

# S/4HANA SECURITY MIGRATION ROADMAP

Moving to S/4HANA is the perfect opportunity to bring your SAP system security up to date and fully align it to your business objectives.

Regardless of the S/4HANA transition path you're following, Turnkey has the experience and skilled resources to assist you.

## BROWNFIELD VS GREENFIELD MIGRATIONS

### → BROWNFIELD (TECHNICAL CONVERSION)

#### OPPORTUNITIES:

- Can be more cost-effective when an organisation has good roles that already support current business processes.
- Can be more time-efficient and therefore help with the ticking clock to 2027, when SAP will cease mainstream ECC maintenance.
- Best for organisations that want to update their solutions without changing processes or the company structure within the SAP system as fewer changes need to be made to its configuration and use.

#### CHALLENGES:

- Lift and shifting inefficient processes into S/4HANA will likely cause more issues over time because of pre-existing challenges; bringing over these mistakes from the past can carry hidden costs.
- Only effective for organisations that currently have mature roles and processes in ECC.
- Could risk leaving opportunities for improvements in Fiori on the table by not building them into your migration.

### → GREENFIELD (NEW IMPLEMENTATION)

#### OPPORTUNITIES:

- A perfect opportunity for businesses to revisit processes and embed security and recognised best practice ways of using SAP into its design.
- Simplify your landscape by consolidating all systems into the S/4HANA core.
- Align security to new ways of working in markets, processes, locations, etc.
- A fresh start to bring the user base up to speed on how to utilise SAP.
- Great for organisations that have had a shift in company structure, processes, or procedures, for example through merger, growth, or divestiture, as they can make SAP fit how the organisation really works.

#### CHALLENGES:

- Can be more costly, take longer to implement, and will cause more disruption to the business.
- Will result in a more extensive migration project to manage, especially as security will need to be established as a key pillar of the project.

# YOUR SECURITY-CENTRED MIGRATION ROADMAP

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## FIORI IMPACT ASSESSMENT

Take an overview of what your organisation could make use of in the S/4HANA world as well as what you'll need to use post-migration. This will uncover factors like:

- Transactions that no longer exist within S/4HANA
- Transactions that have been replaced by superior Fiori apps
- What you are currently running and what you can bring over into S/4HANA
- What processes to change or 'upgrade'
- The best ways to design your processes with security at the heart

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## MIGRATION

For greenfield migrations, dig into business processes and gain an understanding of how to deploy them securely. With the new system, the organisation will need new roles aligned to the processes run on S/4HANA. Make sure that any security considerations are involved at this step.

For brownfield migrations, the upgrade programme will need to be run. Then the necessary changes identified in step one will need to be actioned by changing the current roles to work with S/4HANA. For example, bringing in Fiori content, removing deprecated tcodes, and any technical changes like the use of SAC (SAP Analytics Cloud). Security enables this process by granting the correct access and implementing the appropriate controls.

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## TESTING

Test your new environment rigorously to ensure all processes, roles and controls are working as you'd expected because all of these will change on S/4HANA. Make sure you're conducting testing from the perspective of end users as well, from core processes and levels of usage to key steps in critical processes like month, quarter, and year ends, not just day-to-day.

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## REMEDIATION

Use the findings from your tests, update, fix or tweak any problem areas. Make sure the changes made to your controls are right-sized, and that any SoD or controls concerns related to changes in processes, staffing models, or ways of using S/4HANA are addressed.

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## TRAINING AND ENABLEMENT

Make time for change management and training as the new Fiori UX will mean users access and interact with the system in different ways. These new ways of working need to be considered alongside an understanding of any new or changed processes. Check the newly configured system enables those business processes.

## HOW WE CAN HELP

Whichever path you're following, Turnkey can help you maximise the benefits of a security-centered S/4HANA migration.



### ADVISE

Our SAP experts can advise on many aspects of your S/4HANA migration from the pros and cons of different approaches to the steps you'll need to take as well as securely enabling your transition.



### ASSESS

We have a number of maturity assessments for security, controls, access governance, and more, to help you understand the best approach and where to start. Even if your transition plans are a few months away, understanding what could be changed will help when you move to S/4HANA.



### SECURE

For greenfield projects, we'll embed security by design into your new S/4HANA solution.

For brownfield projects, we'll help you use the migration as a catalyst to review the security and access that supports your current processes, especially as that access might change to leverage Fiori.

## CONTACT US

If you have any questions about our S/4HANA migration services or any of Turnkey's services, we'd love to hear from you: [✉ info@turnkeyconsulting.com](mailto:info@turnkeyconsulting.com) ☎ 0207 288 2578  
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