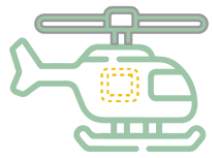# ERPsim®
BΛTON

What is ERPsim?

ERPsim is a business simulation running on a live SAP S/4HANA system. Played in teams of 3 to 5, participants compete in a simulated marketplace or field of operations, where they strive for operational excellence and beat their competitors. Using SAP Fiori transactions, real-time analytics and optional machine learning, players experience realistic end-to-end enterprise processes and the impacts of their decisions on business or field outcomes.

Effective with executive stakeholders, project teams and end users, ERPsim does not require any prior SAP knowledge and comes with embedded step-by-step help. Whether assessing the latest SAP solutions, planning an implementation, or to motivate your teams, ERPsim provides focus and alignment to your digital transformation.

The Defense & Security Simulation

ERPsim D&S is a simulation platform designed specifically for the armed forces sector to help train personnel in Enterprise Resource Planning (ERP) systems.

ERPsim D&S uses simulation exercises that mimic real-world scenarios encountered in D&S operations. It aims to provide hands-on experience with ERP systems commonly used in these sectors, allowing participants to learn how to manage resources, optimize processes, and make strategic decisions within the context of D&S operations.

This scenario allows participants to get hands-on with core business processes that are part of the SAP D&S Industry Solution.

More specifically, capability-based planning and force management to deployments, Funds Management, Asset Maintenance, Budget Tracking, Field Allocation/Spend, Procurement, Program Effectiveness and Mission Readiness. The business context is management of armed forces, represented by disaster relief teams, who must meet the needs of a community facing an evolving natural disaster.

The target audiences include all potential users who require SAP-related to accomplish a mission. No prior knowledge of SAP is required as ERPsim provides a learning environment where players learn to use SAP transactions and analytics to achieve outcomes in the field.

Working alongside other teams, players must deploy force packages (pre-configured combination of armed forces—infantry, aviation, naval) to plan for, transport and provide the affected population with products and services necessary for preparing for and managing the effects of a natural disaster.

As this process unfolds over time, the players will have to find ways of adapting their strategies according to the progress of the storm and the needs of the various geographical regions affected.

Each team is responsible for handling multiple tasks: military force planning, disaster relief pre-planning, procuring of products and services, logistics of allocating of relief kits, maintaining transport vehicles, and managing a budget. The main objective of this simulation is to give a context-specific overview of the basic concepts of SAP to its participants in a D&S context.

Target Audience

The target audiences for the Defense and Security simulation include all users who need SAP-related information to accomplish their mission. From logistics planning and execution, personnel deployment, asset maintenance, procurement and finance. No prior knowledge of SAP is required as ERPsim provides a learning environment where players learn to use SAP transactions and analytics to achieve outcomes in the field.

Technical Requirements

ERPsim is completely web-based, so there is no software installation or configuration required. The simulations can also be played on site or remotely where all the participants are connected through a conferencing software that has a breakout room feature, such as Zoom or Microsoft Teams.

An ideal session consists of 10 to 25 participants, supervised by at least 1 certified instructor. For larger groups, more instructors can be brought in, or coaches can be trained.

To participate in the simulation, participants need only access an internet browser on their PC, laptop and other electronic devices, with the latest versions of Google Chrome, Microsoft Edge or Safari. The simulation runs on SAP S/4HANA and the SAP Business Technology Platform.

Objectives & Goals

ERPsim provides an **authentic business experience**. Participants learn more than the points and clicks of SAP transactions: they see how information flows, process collaboration and the intelligent use of technology

ERPsim is **a holistic learning environment** comparable to a flight simulator. By accelerating time, fostering competition and simulating interactions with business partners, ERPsim provides an engaging experience that makes it stand out from typical system demos or training.

ERPsim showcases the **latest SAP technology**, from user interfaces, cloud integration, real-time analytics and machine learning. It accelerates the technology discovery process, and allows organizations to **test out innovations.**

Defense & Security Agenda

Minimum time estimated:
4 to 4.5 hours

In this scenario, it is recommended to do a minimum of 4 rounds of 20 minutes.

It is sometimes useful to do a "Round 0" if your audience is less familiar with the processes showcased, and then restart a fresh game after. This simulation can be completed over a half day and also up to 2 days.

Agenda

20 min.	Overview and Instructions
20 min.	System Intro (login, short navigation, etc.) and R1 processes and concepts
20 min.	Play R1
20 min.	Short debrief of R1 and introduction to R2 processes and concepts
20 min.	Play R2
30 min.	Break, Short debrief of R2 and introduction to R3 processes and concepts
20 min.	Play R3
20 min.	Short debrief of R3 and introduction to R4 processes and concepts
20 min.	Play R4
20 min.	Final Debrief