ERPsim

2021 Edition

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10th ERPsim User Group Meeting
Online | June 9, 2021

ERPsimLab
HEC MONTRÉAL | Serious games to learn enterprise systems and business analytics

Agenda

1. **Features**
2. **Simulator's User Interface**
3. **Demo**
4. **Instructional Assets and Curricula**
5. **Training**

Features

Features

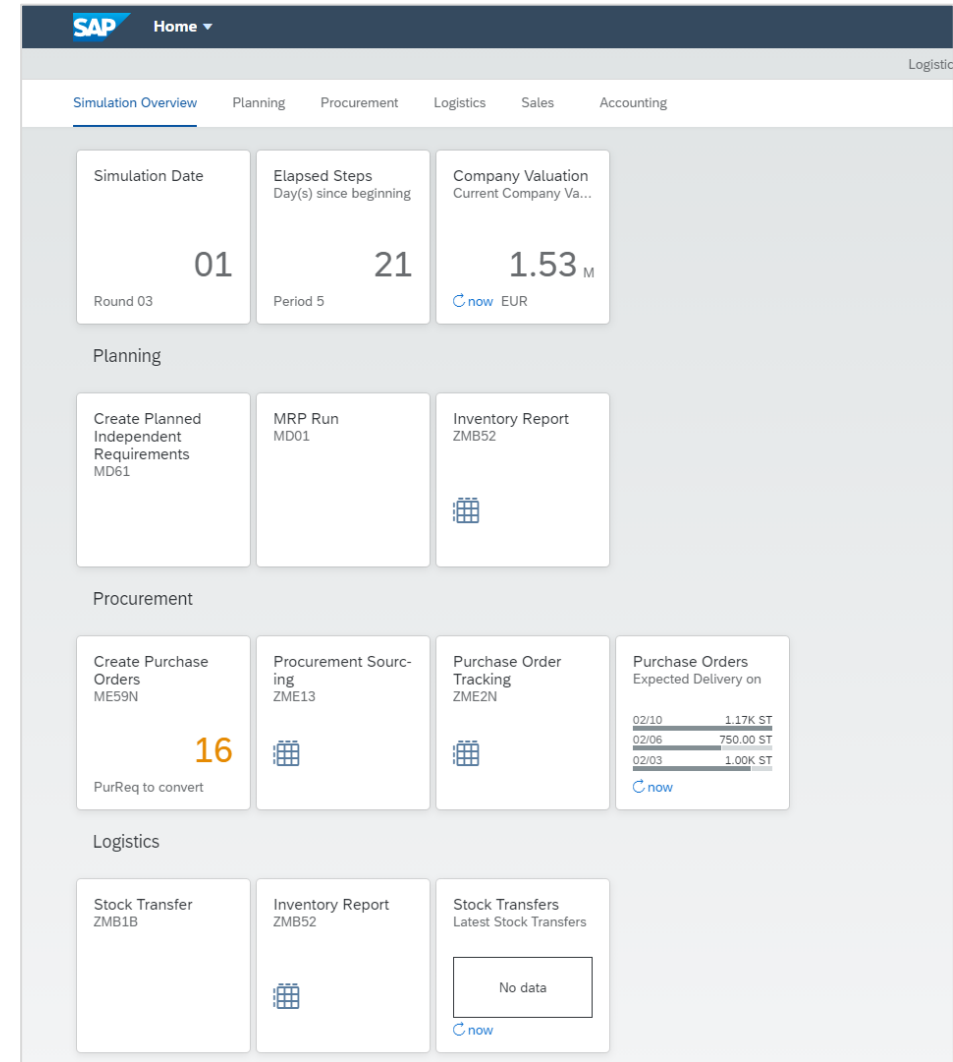|	
SAP System	SAP S/4HANA 2020
UI	SAP Fiori
	SAP GUI
Analytics	SAP GUI reports
	Smart Business*
	OData Service 2.0*

* Logistics, Manufacturing and Retail games only

SAP Fiori Launchpad configured for the Logistics Extended game

High-Capacity SAP Client

Features

- 9 sets of 26 company codes
- 200 company codes for exercises and configuration

Benefits

- Client refreshes not required anymore
- Data from previous game (on this client) is accessible
- Simplified user accounts

Teams, Company Codes and Company Sets

Team
Group of students, designated by each of the 26 letters of the English Alphabet

Company Set
Group of 26 Company Codes that can be used in a single game

Company Code
Organizational element representing each of the competing companies in a game

"I am in team A!"

"We are playing with company set 2."

"My Company Code is A2!"

High-Capacity SAP Client
Example

You set these in ZSTART

Game #	Teams	Student Login	Scenario	Company Set	Company Codes	e.g. Product Codes
1	A, B	A_#, B_#	Manufacturing Introduction	1	AA, BB	AA-F##, BB-F##
2	A, B	A_#, B_#	Manufacturing Extended	2	A2, B2	AA-F##, BB-F##

Before game #1, you assign the teams.

For following games, students keep using the **same SAP user account**.

Changes to company structure and authorizations are done automatically in the background.

Only the organizational structure changes: identifiers for master data are shared across sets.

OData Services Overhaul

Features

- Single sign-on with the ERP accounts
- Client number embedded in service URL
- OData access options (ZODATA)
  - Access across company sets
  - Access all teams data

Available entities

- BOM_Changes
- Carbon_Operations
- Company_Valuation
- Current_Inventory
- Current_Inventory_KPI
- Current_Suppliers_Prices
- Financial_Postings
- Goods_Movements
- Independent_Requirements
- Inventory

- Market
- Marketing_Expenses
- NPS_Surveys
- Pricing_Conditions
- Production
- Production_Orders
- Purchase_Orders
- Sales
- Stock_Transfers
- Suppliers_Prices

OData Services Overhaul

All users (admin and students) can find the URL, account and entity list under "OData Services" in Fiori.

OData Services

OData services provide real-time access to data from the simulation. Refer to the documentation for more details.

⌄ Service URL

Use the URL to connect to the OData service. Some applications require adding the entity name at the end of the URL. Open the "Advanced" panel for the complete list of entities.

URL (case sensitive)   https://<domain>:<port>/odata/896

⌄ User Account and Password

Username   ADMIN1

Password   Same as your own password for this SAP platform

⌄ Advanced

URL (case sensitive)   https://<domain>:<port>/odata/896

Entities   -- Select one --

Documentation   Close

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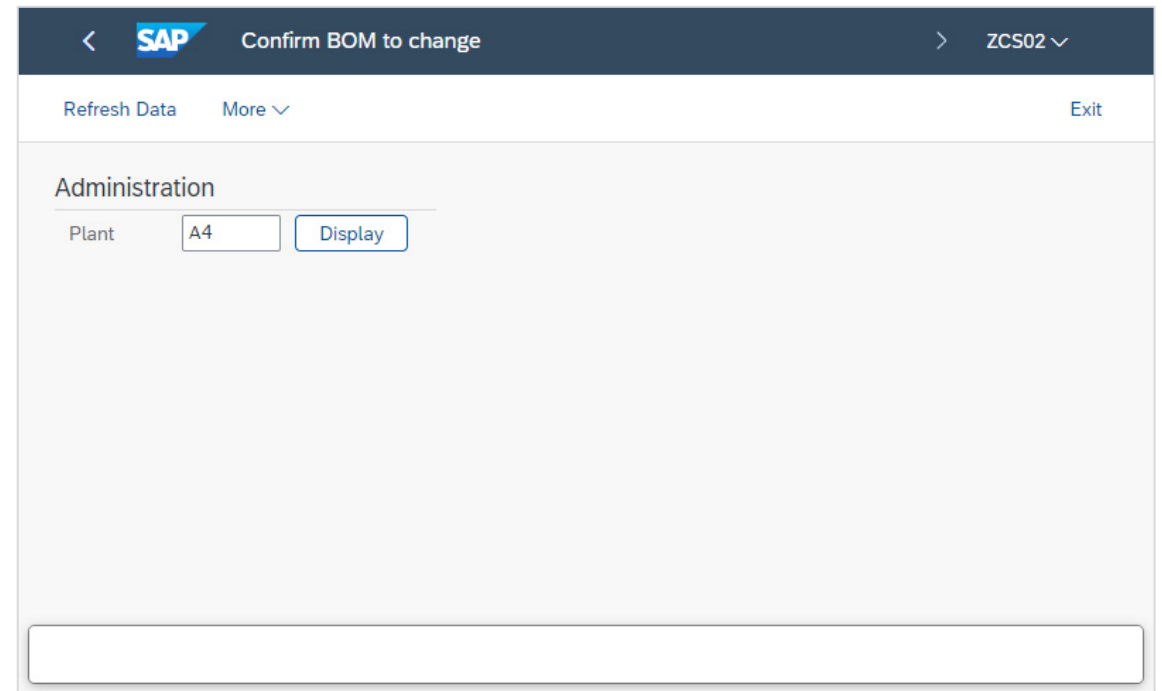
Custom Transactions (Z*) Redesign

- Admin accounts can now access custom transactions and interact with them like students would.

- Transactions:
  - ZADS
  - ZCK11
  - ZCS02
  - ZFF7B
  - ZMB1B
  - ZORG
  - ZVAL

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Custom Transactions (Z*) Redesign

- Transaction ZCS02 now provides a status for each recipe.
- Admin accounts can modify recipes without restriction

Simulator's User Interface

Simulator

New responsive interface to manage games

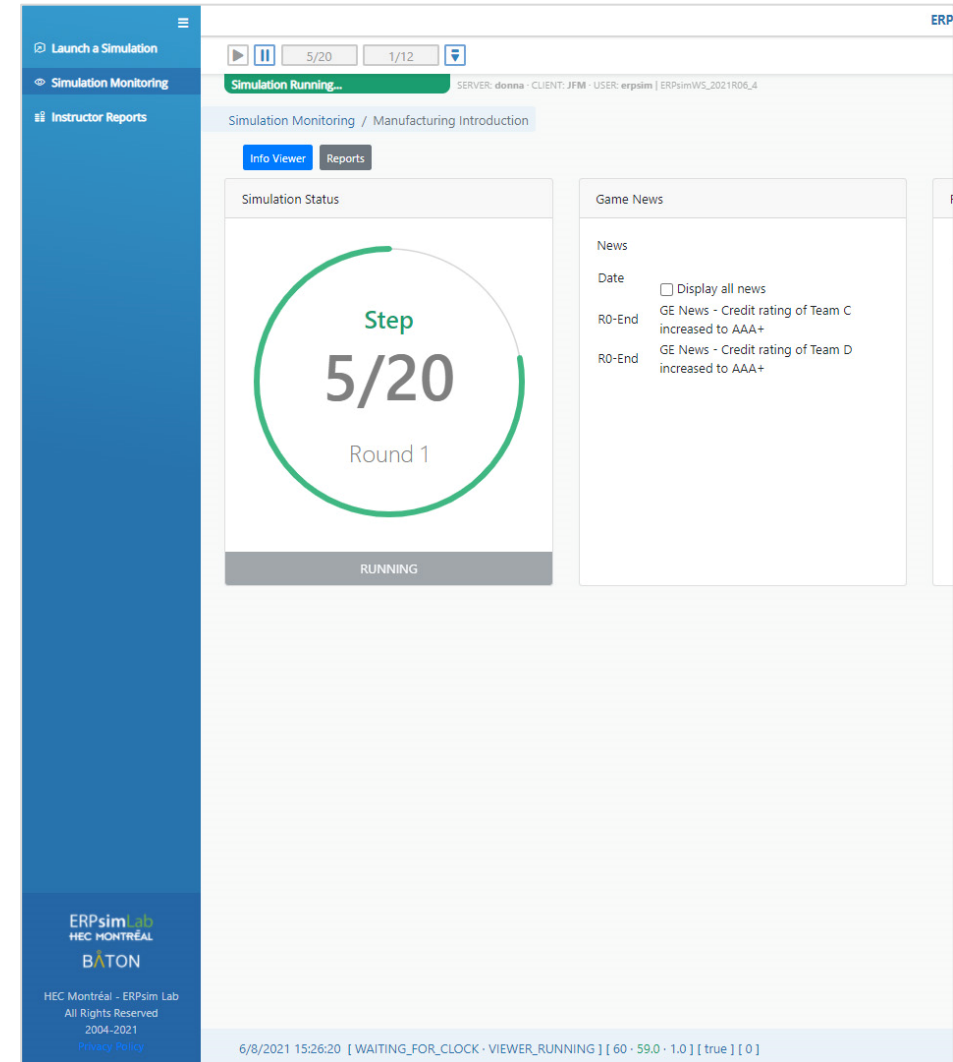**Games**   All

Reporting   Live and End-of-round

Leaderboard / Comparator

UI   Fluid and Legacy available

Viewer page of the simulator
Running state

Demo

Instructional Assets and Curricula

Instructional Assets and Curricula
Videos for SAP Fiori UI

- All new set of videos (with narration) for:
  - Retail game
  - Integrated Business Processes (Cash-to-Cash) for Manufacturing
  - Role-based Videos for Logistics Platinum

erpsim.hec.ca/learning
Videos > SAP Tutorial Videos (SAP Fiori)

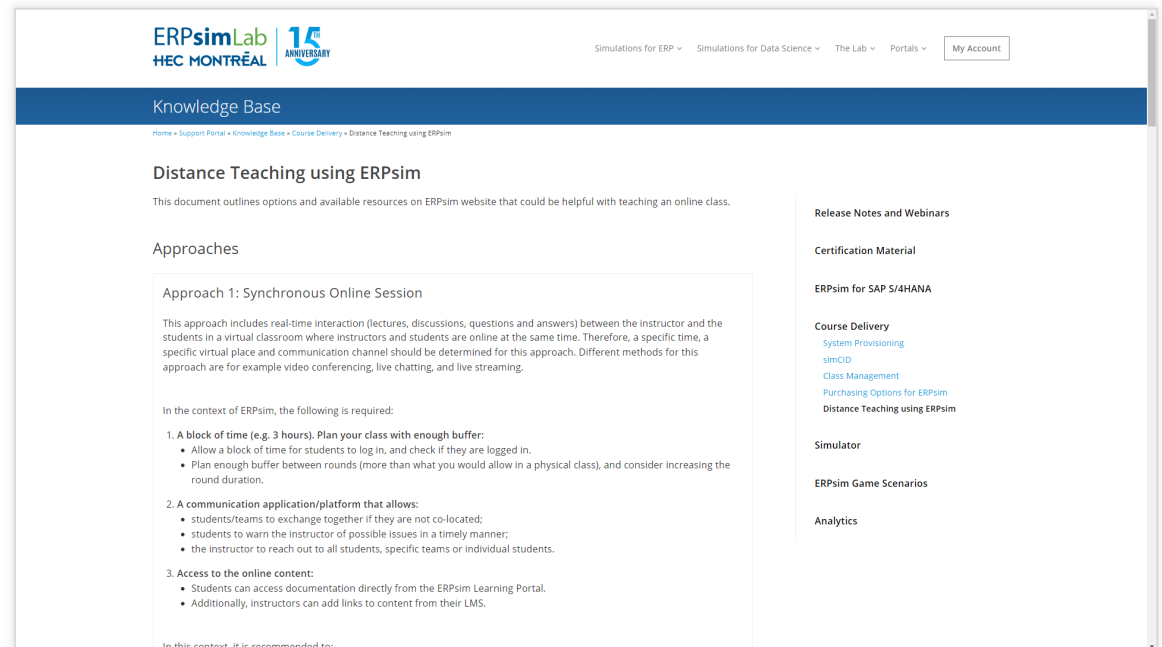*Commercial version powered by*

Distance Teaching

A collection of tips and tricks on how to run ERPsim in a distance teaching context:

- Synchronous and Asynchronous approaches

- Efficient communications with participants

- Technical considerations

- A list of available resources

Teaching notes, resources, tips and tricks
https://erpsim.hec.ca/en/node/606

Become a Certified ERPsim User

For New ERPsim Users

This certification provides you all the necessary knowledge to run an ERPsim simulation game in a classroom setting, and is required to be able to use any of the simulation games provided by the Lab.

Learn more at
erpsim.hec.ca/certification

Online Course   +   **Session with our team**   =

Complete the
Online Course
in self-study mode

Register for a
one-on-one session with our
team. We'll answer all your
questions!

Receive your simCID
and start using ERPsim
immediately!

Advanced ERPsim and Certified Trainer

For Experienced Users   **Available July 2021**

For experienced users who are interested in becoming ERPsim trainers and certify other faculty members

Learn more at
erpsim.hec.ca/certification

Online Course: Advanced topics

Complete the
Online Course
in self-study mode

+

For TTT: Write a short exam

This is a short essay where you explain your plan and objectives for training other faculty!

=

You will be able to train other faculty and certify them as Level 1 instructors

Questions

Thank You!

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Email: erpsim@hec.ca

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