



## GS521 – Managing Providers and Repositories in Globalization Studio

As you start working with Globalization Studio, you'll notice every feature, configuration, and ER format is tied to a **provider** and a **repository**.

You might be wondering:

- “Should I use the Microsoft provider or create my own?”
- “What is a repository and why does it matter?”
- “How do I keep my environment clean when working across Dev, UAT, and Prod?”

This article answers those questions and helps you:

- Understand the difference between providers and repositories
- Set up your own provider (e.g. Contoso, Your Org)
- Work with Microsoft-delivered features without modifying them
- Keep features organized across environments

This builds on [GS503 – Workspace Setup](#) and supports ALM topics from [GS508 – Application Lifecycle Management](#).

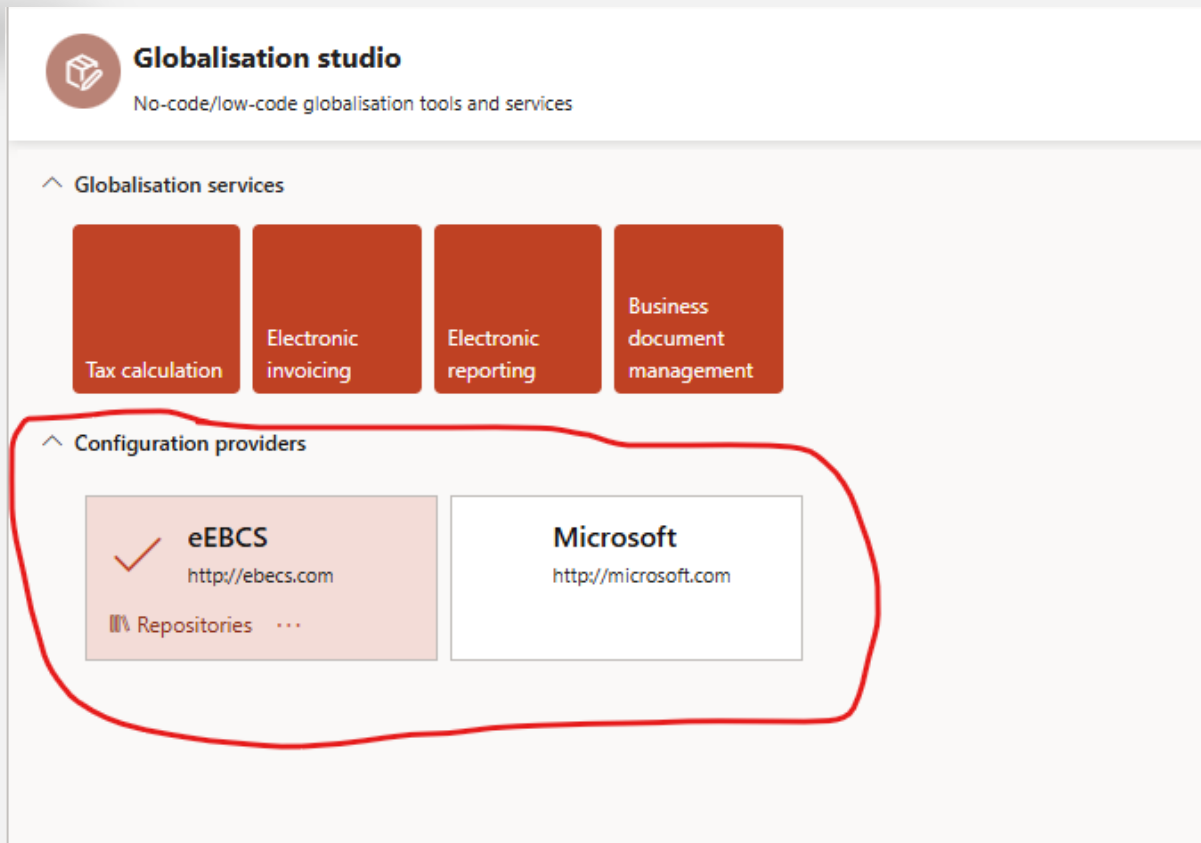
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### What Is a Provider?

A **configuration provider** is the "owner" of a feature, configuration, or ER format.

Type	Example	Used For
Microsoft	Microsoft Corporation	Prebuilt country formats (Facturae, SAF-T, etc.)
Your Org	Contoso Ltd, Your Org Ltd	Custom features you create or modify
ISV	AtlasISV GmbH	3rd-party solutions and add-ons

✓ Think of providers like authors. Microsoft creates the original, and you create your customized versions under your own provider.



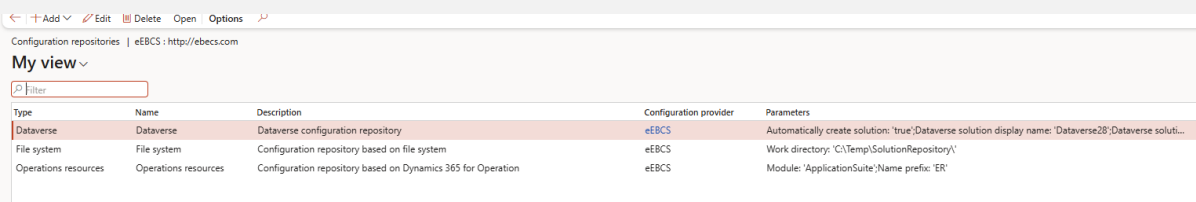
## What Is a Repository?

A **repository** is where your features and ER configurations are stored.

There are two main types:

Repository Type	Description
<b>Microsoft Global Repository</b>	Read-only. Contains Microsoft-delivered features you can import (e.g., Spain Facturae XML).
<b>Dataverse Repository</b>	Writable. Stores your own features, supports versioning, and is used in ALM pipelines.

 You can have multiple repositories (e.g., Dev, UAT, Prod) all pointing to the same or different Dataverse solutions.

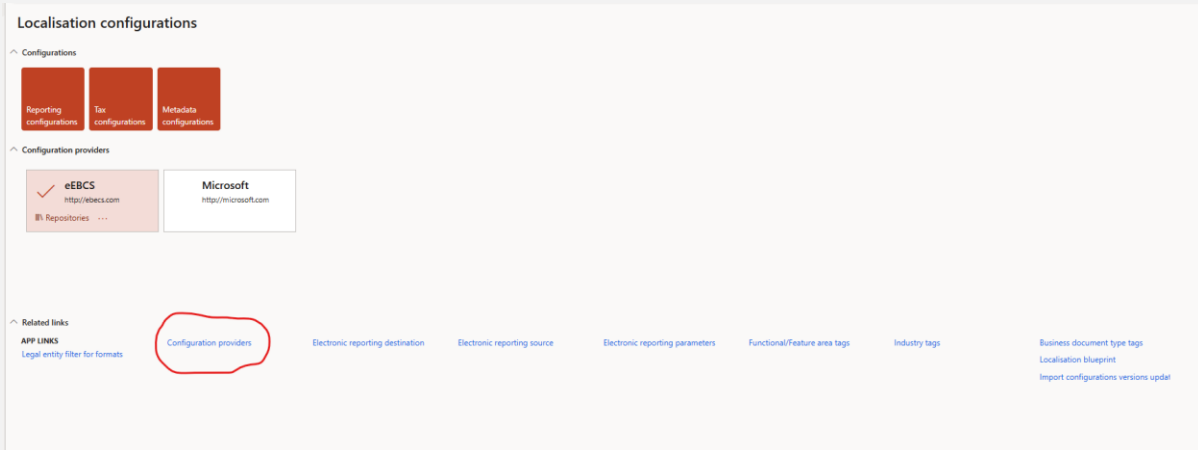


Type	Name	Description	Configuration provider	Parameters
Dataverse	Dataverse	Dataverse configuration repository	eEBCS	Automatically create solution: 'true'; Dataverse solution display name: 'Dataverse28'; Dataverse solution...
File system	File system	Configuration repository based on file system	eEBCS	Work directory: 'C:\Temp\SolutionRepository\'
Operations resources	Operations resources	Configuration repository based on Dynamics 365 for Operation	eEBCS	Module: 'ApplicationSuite'; Name prefix: 'ER'



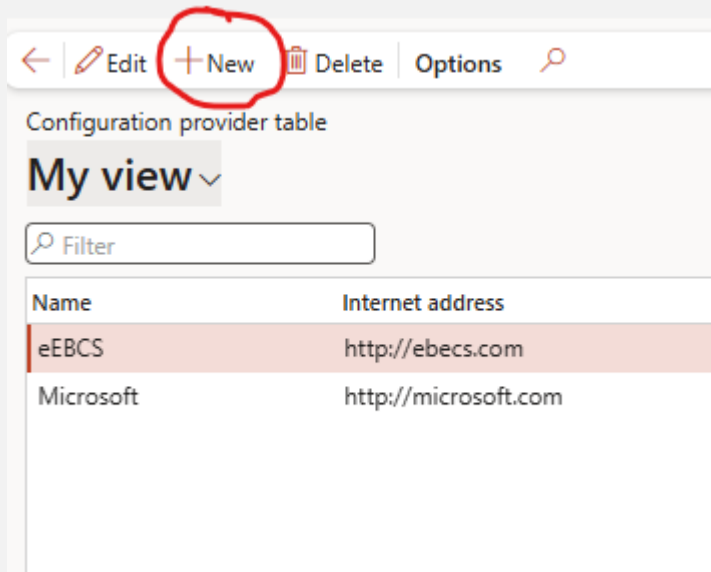
## Step-by-Step: Creating Your Own Provider

1. Go to **Workspaces > Electronic Reporting**
2. Select **Configuration Providers**

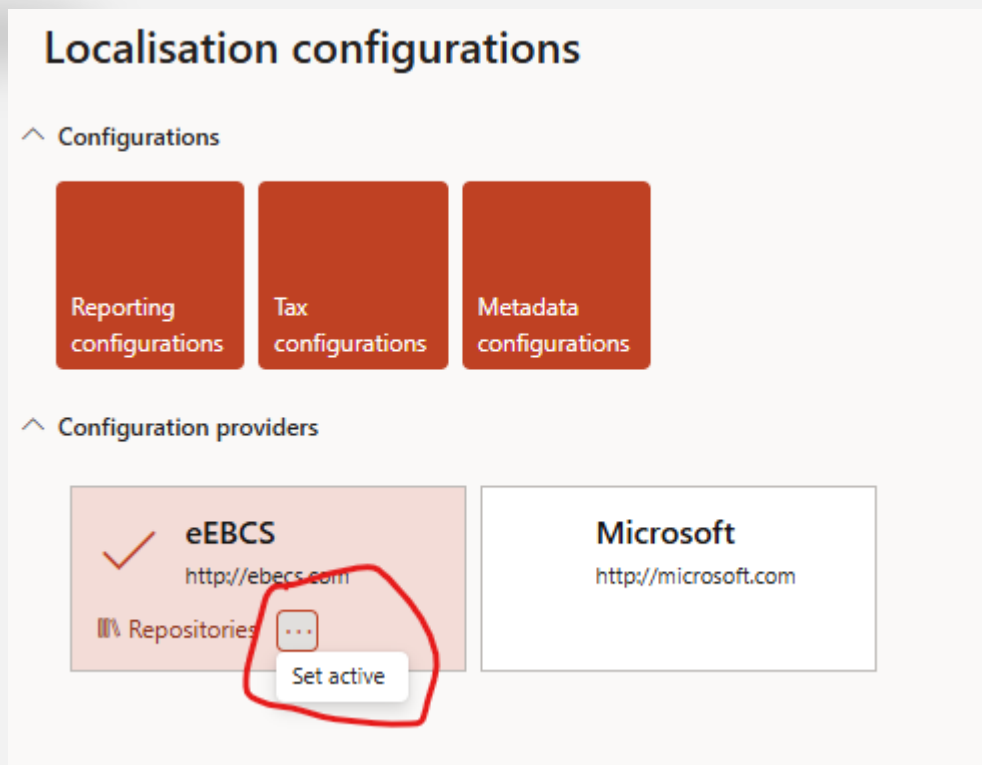


3. Click **New**

- Name: Contoso Ltd
- Alias: CONTS



4. Mark it as **Active**




This allows you to start creating and owning your own features without touching Microsoft's originals.

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## Step-by-Step: Connecting to Repositories

1. Go to **Globalization Studio > Repository Settings**
2. Choose repository type:
  - **Microsoft Global Repository** (for imports)
  - **Dataverse Repository** (for your work)
3. If using Dataverse:
  - Create or choose a **Power Platform solution**
  - Name it clearly (e.g., Contoso Compliance UAT)
  - Features created in this solution will follow ALM rules


 Refer to [GS508 – ALM](#) for details on exporting/importing solutions between environments.

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## When to Use Which Provider?

Scenario	Recommended Provider
Importing prebuilt e-invoicing format	Microsoft
Building your own compliance feature	Your org (e.g., Contoso)
Modifying Microsoft-delivered logic	Clone under your provider
Working with ISV tax/localization solutions	ISV provider

 **Never modify features directly under Microsoft's provider.** Always clone first under your provider, this keeps upgrades clean and traceable.

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## Organizing Repositories for ALM

If you're working across multiple environments:

### Environment Repository Setup

<b>Dev</b>	Contoso Config Dev in Dataverse
<b>UAT</b>	Contoso Config UAT (imported from Dev)
<b>Prod</b>	Contoso Config Prod (locked down)

This structure:

- Keeps environments clean
- Supports rollback if needed
- Enables team collaboration via Power Platform

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## Naming Tips and Best Practices

Area	Best Practice
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**Providers** Use a name that reflects your legal entity (e.g., Your Org Ltd)

**Solutions** Name by environment or purpose (e.g., GR\_Config\_UK, ES\_Invoice\_UAT)

**Features** Prefix by country or document (e.g., ES\_Facturae\_Import)

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## Related Articles

- [GS503 – Connecting to Repositories](#)
- [GS505 – Creating Features from Scratch](#)
- [GS508 – ALM and Deployment](#)
- [GS510 – Reusing Microsoft Features](#)

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## Coming Up Next

In **[GS522 – Cloning, Extending, and Managing Feature Versions](#)**, we'll show how to safely make changes to your live compliance features using versioning.

You'll learn how to:

- Clone existing features
- Modify ER formats, pipelines, and applicability rules
- Deploy and test changes without impacting production
- Roll back versions cleanly if needed

 Continue reading: [GS522 – Feature Versioning and Change Management](#) →