Update platform for General Electronic Reporting (GER)

1. Ensure all provided corrections for Organization Administration are installed
   a. On the Project choose X++ updates
   b. Filter by Organization Administration, select all and add to the package:
      
      Add updates

      ![Add updates GUI](https://example.com/add-updates.png)

      c. In addition, include following KB’s to the package:
         4020448, 4023992, 4025797, 4032903, 4034278, 4035918

   d. Install the package and build Electronic Reporting package with Referenced packages
      (alternatively mark all packages):

      ![Package build GUI](https://example.com/package-build.png)

      Select the models that your hotfix belongs or select all. If installing packages including dependent
      objects or if unsure about it mark build referenced packages (models).

2. Rebuild table references
   Organization administration | Electronic reporting | Rebuild table references
3. **Electronic reporting – Configuration providers**

   Organization administration | Electronic reporting | Related links – Configuration providers

   Create ER provider for your company and mark as Active

4. **Electronic reporting parameters**

   Organization administration | Electronic reporting | Related links – Electronic reporting parameters

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**Electronic reporting**

- Configurations
- Configuration providers
- Related links

**LCS**

Electronic reporting parameters

<table>
<thead>
<tr>
<th>Parameters</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Number of parallel threads to load data</td>
<td>5</td>
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</tbody>
</table>

This parameter controls the number of threads/parallel downloads from LCS (mainly to speed up the LCS repository opening). It should not be higher than the number of cores your environment has. In the future, the number of LCS configurations will increase, so downloading (open LCS) will take more time. If large calculations are done (while opening LCS) in the background (rare scenario, but still), you should adjust this number in parameters to reduce system load.
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5. Setup (if not already done) Repository based on LCS – configuration provider Microsoft.

Note: Configurations imported from Operations resources are no longer supported. If you already have imported resources from Operations resources, and adjusted these, you need to import the corresponding configuration from LCS repository, generate derived configuration and add any customizations on that. This requires that you have setup your company as configuration provider (in addition to Microsoft).

6. Open the repository and import the needed configuration(s) – use always the latest version for the configuration provided. Start importing the configurations from the child level.

   Example for payment model:
   - ISO20022 Credit transfer (Country extension)
   - ISO20022 Credit transfer
   - Payment model mapping 1611
   - Payment model mapping to destination ISO20022
   - Payment model
   - If import of return files from bank used, in addition
   - ISO20022 Camt.054
   - ISO20022 Pain.002

7. Default for model mapping

   Starting from the Payment model version 8, mappings are existing in separate configurations (Payment model mapping 1611, Payment model mapping to destination ISO20022, etc.).

   First, this is done for better solution maintenance – in case of changes in mapping, Payment model version will not be incremented, and this will not require to rebase all existing formats and other derived configurations, only download the latest mapping configuration.

   Second, having different functionalities separated (like ISO20022, NETS or ESR payments) will allow user to skip installing X++ hotfixes for functionality they are not going to use.

   In some cases when we have more than one mapping of the same type in the GER solution tree (i.e. when we have mappings in the model configurations with version lower than 8, or in case of additional customization mappings not provided by Microsoft), we should specify which mapping to use by selecting the Default for model mapping checkbox. Task recording is available: Manage model mapping configurations for electronic reporting (ER).

8. After configurations are imported, set both Payment model mapping 1611 and Payment model mapping to destination ISO20022 as default for model mapping:
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Note: For simple solutions, we still can keep mappings in Model configurations. In this case, we should define which configuration to use by setting the Default for model mapping checkbox.

Troubleshooting

1. Check that you use the latest configurations versions available on LCS
2. Delete user data
3. Reset IIS
4. Delete existing report configuration and import it again
5. Import configuration manually at Shared assets library
6. User is not able to import Camt.054 or Pain.002 configuration

Before importing the latest version of Camt.054 and Pain.002, you might need to import Payment model 5 (there might be other elder versions needed) first.
## Update platform for General Electronic Reporting (GER)

<table>
<thead>
<tr>
<th>ISG20022 Pain.002</th>
<th>Microsoft</th>
<th>LCS</th>
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<td>LCS</td>
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<tr>
<td>Payment model mapping 1611</td>
<td>Microsoft</td>
<td>LCS</td>
</tr>
<tr>
<td>ISG20022 Camt.054</td>
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### Versions

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Links for documentation:
