Auto processing approach to current supplier files processing bots:

Problem Statement:

Current mechanism for picking up supplier files is database based and only suppliers that are set up in the system are processed by the bot. This leads to new suppliers being missed for processing as and when they are added. Also with new source entities being added to current suppliers as well as new acquisitions it is imperative that there is a mechanism in the bot to auto-set up suppliers as and then the supplier files are discovered by the system

Solution:

1. As and when the files are discovered through the email bot, there will be following scenarios that will need to be handled.

   a. The contract number on the file is set up in the database and the processing is completed as per current modules defined in the system

   b. The contract number does not exist in the database configuration but the folder is set up for the supplier in the database as other files or source entities have been configured for this supplier. In this case the bot creates the source entity folder in case it does not exist and saves the corresponding file in the folder. Bot also makes the corresponding entries in database tables.

   c. The contract number does not exist as well as no supplier set up in the RPA configuration for this specific supplier. In this case we run an AI function to map the existing folder to the supplier name. If the folder is located the bot creates the source entity folder if not already present and saves the file.

2. Instead of looping through the database entries in the set up tables, bot recursively goes through the supplier folders to locate the files ready for processing. This will ensure that the bot does not miss any files that are not set up in the system. This will also facilitate the processing of the files under new source entities that are not set up in the system yet.
   In this scenario as well the bot creates the database set up entries as and when the new files are discovered that are not set up.
   If the files are in an incorrect folder the bot will move it to the correct folder.