

# Leading the **Integration** Revolution

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Your business problems have changed.  
Why hasn't your integration solution?



ADEPTIA

# Encryption and Decryption of data files using PGP.

Step 1. Configure the Key Manager by creating public and private key activities.

A. Go to Develop > Services > Security > Key Manager

B. Create Private and Public keys by uploading the “asc” files as shown here.

The screenshot shows the ADEPTIA web application interface. The top navigation bar includes 'Home', 'Develop', and 'Monitor'. Below this, there are tabs for 'Projects', 'Solutions', 'Process', 'Services', 'Events', 'Web Forms', and 'Reports and Dashboards'. The 'Services' tab is selected, and a dropdown menu is open, showing 'Security' with a red checkmark. Under 'Security', 'Key Manager' is also marked with a red checkmark. The main content area shows a list of key activities: 'MGIC\_publicKey', 'MGIC\_privateKey', 'B28\_Dummy\_PrivateKey', and 'B28\_Dummy\_PublicKey'. A red checkmark is visible next to the 'Events' tab.

Edit Key Manager: MGIC\_publicKey

Standard Properties

Name\* MGIC\_publicKey  
Description\* public key  
Key Type\* Public  
Key Choose File No file chosen adeptia\_pub.asc  
Private Key Password  
Confirm Password

Edit Key Manager: MGIC\_privateKey

Standard Properties

Name\* MGIC\_privateKey  
Description\* private key  
Key Type\* Private  
Key Choose File No file chosen adeptia\_sec.asc  
Private Key Password .....  
Confirm Password .....

# Encryption and Decryption of data files using PGP.

Step 2. Configure the Data Security activity.

- Go to Develop > Services > Security > Data Security
- Create a Data Security activity (for example to encrypt outbound file)
- Select public key for encrypting and private key for decrypting a file
- Data Security activity is used in the process flow

The screenshot shows the ADEPTIA web interface. The top navigation bar includes 'Home', 'Develop', and 'Monitor'. The 'Services' menu is expanded, showing 'Security' > 'Data Security'. A table lists existing activities: 'MGIC\_encryptFile' (description: 'encrypt EDI file'), 'Dummy\_Decryption', and 'Dummy\_Encryption'. A red checkmark is next to 'Data Security' in the sub-menu. A blue arrow points from the 'MGIC\_encryptFile' row to the 'Edit Data Security: MGIC\_encryptFile' configuration window on the right.

**Edit Data Security: MGIC\_encryptFile**

Standard Properties

Name*	MGIC_encryptFile
Description*	encrypt EDI file
Type*	PGP
Action*	Encryption
Key Manager	MGIC_publicKey



