Lightkey for Business – Using Google Drive File Stream
Setup & Installation Guide

Introduction

First announced in 2017, Google Drive File Stream (GDFS) replaced the Google Drive desktop app for G Suite users. In order to use it as a shared location when deploying *Lightkey for Business* in your organization, please follow the next steps.

Step 1 – Create a network shared folder using GDFS

Lightkey's 'collective wisdom' technology uses a shared folder to exchange typing patterns between end-users' devices. Therefore, before starting the installation process on all devices, it is highly recommended that a system admin will first create a network share on GDFS and provide access permissions to all end-users.

1. **Make sure all end-users have a valid G Suite account** (G Suite is a premium service provided by Google. GDFS is **not** available for basic/free Gmail accounts).
2. Install Google Drive File Stream on each users' machine: https://dl.google.com/drive-file-stream/GoogleDriveFSSetup.exe
3. Make sure all users have the same Drive letter assigned to their local Drive File Stream folder (e.g., 'G' – see pic below)

4. Once the local Drive folder is setup, please create a network shared location following these guidelines:
   - Make sure that the folder is accessible to all end-users.
   - Make sure that there is enough network storage, as every user requires up to 150kb. For example, in an organization employing 1,000 devices, Lightkey will use up to 150MB of storage in the shared folder.
   - Use only English characters or digits in folder name.
   - Avoid using whitespaces in the folder name.
   - Avoid using a very long path (over 190 characters).

   A good example of the shared folder path could be: G:\My Drive\Lightkey

Step 2 – Copy the license file into the GDFS shared network location

Upon launching a pilot or placing an order of *Lightkey for Business* we will provide you with a license file named license.l4b that includes your license expiration date and the maximum number of allowed devices. Please make sure to copy the license file to a folder named "license" within the shared network location.

For example, if the network shared location path is: G:\My Drive\Lightkey

- Create a sub folder named "License" within the shared location - G:\My Drive\Lightkey\License
- Copy the provided license.l4b into the newly created License folder. Its full path should eventually be: G:\My Drive\Lightkey\License\license.l4b

Step 3 – Share the GDFS network location with all users

In order to enable the 'Collective Wisdom' functionalities, you'll need to provide access (Share permissions) to the GDFS location (G:\My Drive\Lightkey) to all *Lightkey for Business* users in your organization. Please note, that this can only be done through the Drive web interface (see below pics):

- Open 'My Drive' on your web browser with your G Suite account
- Right click on the Lightkey folder previously created

- Press on 'Share' and enter names / emails of all *Lightkey for Business* users in your organization

Step 3 – Installing Lightkey for Business

There are two methods for installing *Lightkey for Business*:

Using a Silent Installation method (via SCCM or other remote deployment solutions)

Lightkey for Business supports silent installation/removal using a simple command line (cmd) interface. The following is a list of command line arguments that can be used as a part of Lightkey's silent installation, followed by examples for different installation scenarios.

If your organization is interested in deploying *Lightkey for Business* to using the interactive manual setup, please skip to the next segment.

Installation command line arguments:

Parameter	Description
silent=true	Ensures that the installation is silent and skips all the dialogues during the installation process.
network="<network-path>"	<network-path> - the network location that all end-point devices will use to collaborate. The network path should start with '\\' and should have double quotes before and after the argument. For example: network="\\storage\applications\Lightkey"
enterkey=true	Add the Enter key as an optional key for accepting suggested predictions (i.e., predictions can be selected using either the Enter or Tab keys).
sound=true	Activate sound assistance for high impact predictions.
manager=true	Grant specific users permissions to export detailed reports about productivity metrics of users in the organizational network. ** It is not recommended to use this argument when deploying to the entire organization.

Creating command line script guidelines:

- Make sure that the installation command is a single line (don't use newline characters)
- Make sure to avoid whitespaces between parameters and their values.
- Try the installation on one machine before performing a broad deployment to the entire organization.
- Make sure to convey to the end-users that a system restart is required following the installation.

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Installation scenario #1: Silent installation with no user intervention (recommended)
This is the recommended and most simple way to deploy Lightkey to end-users. After restarting their devices, they can immediately see Lightkey's predictions on their screens.

```
Lightkey.Business.v24.16.20210304.1408.exe silent=true network="\\storage\applications\Lightkey"
enterkey=true sound=true
```

Note: this command may appear in multiple lines due to layout limitations of this document but it's actually a single line. It is important to run this command as a single line when deploying Lightkey in the silent scenario.

Installation scenario #2: Silent installation with end-user setup prompts
This method of installation allows each end-user to create their personal profile (decide on prediction categories and accept the privacy policy).

```
Lightkey.Business.v24.16.20210304.1408.exe silent=true network="\\storage\applications\Lightkey"
```

Interactive installation from each individual machine with Lightkey's setup interface

Some organizations may prefer installing *Lightkey for Business* manually in a more "traditional" method. This can be helpful if the organization doesn't use any remote deployment solutions or if it wants to deploy *Lightkey for Business* only to a small group of users.

In order to install *Lightkey for Business* using the manual setup interface, double-click the setup.exe file with administrator permissions

Next, Lightkey's setup will prompt for the shared network location. Please enter the shared location:

Click on 'Start Installation' and follow the dialogues required to complete the installation.

Step 4 – Validating the installation

Validating successful deployment via silent installation (SCCM or other remote deployment solutions)

In order to validate Lightkey's installation, please make sure that the following registry values were created:

Key Name	Value Name	Value Data
HKEY_LOCAL_MACHINE\SOFTWARE\Lightkey	LightkeyInstallerCompleted	<setup version number>
HKEY_LOCAL_MACHINE\SOFTWARE\Lightkey	LightkeySepPath	<network-path>

- **<setup version number>** represents Lightkey's installer version. For example, if you installed: Lightkey.Business.v24.16.20210304.1408.exe, the setup version number will be 24.16 (string type)
- **< network-path>** represents the network location provided for the installation. For example, \\storage\applications\Lightkey

Validating successful deployment following a manual installation

Open Lightkey's Control Center and make sure that you accept Lightkey's privacy policy. Afterwards, open Lightkeypad (using Windows Start menu) and make sure that you see suggestions while typing. If you don't see any suggestions, please follow our technical guide to resolve this issue.

Step 5 – Validating access to the GDFS network shared folder

Once Lightkey is installed and the machine has restarted successfully, please make sure that the end-user has proper access to the shared location. The validation process is simple:

- Open Lightkey's Control Center using Windows Start menu
- Go to the ABOUT tab and click on the 'Sync Now' button

- Make sure that the license name and expiry date fit your order details

To learn more about Google Drive File Stream please see the following links:

https://support.google.com/drive/answer/7329379?pli=1&authuser=2
https://support.google.com/a/answer/7491144?hl=en

Need help?

If you need any further assistance please contact our dedicated team:

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