Lightkey for Business – Installation Guide

Introduction

Lightkey for Business is a server-less solution that can significantly increase productivity across the organization. The installation of *Lightkey for Business* is rather simple and requires very minimal IT resources allocation.

The following guide includes detailed explanation of all necessary steps required to perform a successful installation.

Step 1 – Creating a network shared folder

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 and provide read/write permissions to all end-users.

1.1 Create a network shared folder

Please follow 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).

Good examples for a shared folder name:

- \\storage\applications\Lightkey
- \\nas_server_12\app-data\Lightkey

Bad examples for a shared folder name:

- \\storage\productivity apps\Lightkey → there is a whitespace in the folder "productivity apps"
- \\storage\저장\Lightkey → using non-English characters in the shared folder path.

1.2 Create an active directory group for all end-users

In order to avoid granting individual permissions to the shared folder for each end-user, we recommend creating an Active Directory group (for example, "Lightkey Users") and grant the group itself read/write permissions to access the network shared folder.

Whenever a user joins/leaves the organization/team, simply add/remove them to/from the group.

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Step 2 – Copy the license file to the 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 is \\storage\applications\Lightkey

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

Important Note - if no license is detected during the installation process of *Lightkey for Business*, a default license will be created. The default license is limited to 10 devices for a trial period of 30 days.

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).
rightarrowkey=true	Add the Right arrow key as an optional key for accepting suggested predictions
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 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.

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Step 6 – Defining Collaboration Policy

Lightkey's decentralized collaboration algorithm is defined to intelligently share typing patterns across network users who create similar content. Although the algorithm uses various techniques to detect what words and phrases are the most suitable for sharing, the default behavior can be overridden using the centralized configuration file (sep.config) located in the Config folder within the network shared location (for example, \\storage\applications\Lightkey\Config\sep.config).

Within the file the following configuration arguments can be overridden:

Argument	**Functionality**
collectiveWisdomDisabled = "true" (default value is false)	Completely disables the collective wisdom mechanism thus all sharing of typing patterns across the organization is disabled.
blockCollectiveWisdomOnChatApps = "true" (default value is false)	Disables collective wisdom mechanism in all chat apps (thus allowing sharing only in "factual" applications, for example: Word and PowerPoint
blockUsersFromSharingCategories = "true" (default value is false)	Blocks the users from sharing their custom categories across the network.
blockAnonymousRanking = "true" (default value is false)	Blocks the anonymous ranking from showing in Lightkey's UI
blockCollectiveWisdomOnOutlook = "true" This is a deprecated configuration value, please use the "blockCollectiveWisdomOnChatApps" instead.	Disables collective wisdom mechanism in all chat apps (thus allowing sharing only in "factual" applications, for example: Word and PowerPoint

Note: all users pull the updated sep.config from the network shared location several times a day (assuming they are connected to the network), therefore it may take a few hours for changes to apply.

Need help?

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

Contact Name	Eran Brauer
Email Address	eran@lightkey.io
Phone Number	+972-52-4533355