Gallagher Lockers Configuration Utility

Release Note

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1 Introduction

The Gallagher Lockers Configuration Utility (LCU) is used to create and configure large number of Lockers and Locker Banks. The utility allows you to generate and import a tab-separated values (TSV) file with relevant Command Centre (CC) data fields required to create and configure the necessary CC Items.

The Lockers Configuration Utility is located in the `'Utilities\LockersConfigurationUtility'` folder of the Command Centre installation files. You can generate the config TSV file, then open it in Excel for easy data entry. After completing the file with the appropriate information, you can import the file to Command Centre to create all the required Lockers and Locker Banks.

2 Running the Utility

An Operator username and password is required to successfully import the config file to create the Lockers and Locker Banks.

2.1 Command Prompts

Ensure that the Command prompt is run from the Command Centre Server PC. The following parameters are used to run the Lockers Configuration Utility (LCU):

-u Command Centre operator username

-p	Command Centre operator password
-t	Path to TSV file to use for Locker import
-g	Generates a sample file using the -t value as folder path

2.2 Procedure

Perform the following procedure to create and configure Lockers and Locker Banks using the Lockers Configuration Utility:

Before you begin:

a) The LCU does not create all Command Centre items required. Create the following Command Centre items first before importing the file:
- Bank Division
- Division
- Alarm Zone
- Bank Alarm Zone
- Bank Controller
- Readers

b) Create a folder required for generating the TSV config file.
In this example the folder is called `'Lockers'` and `'East Wing Lockers'` (i.e. `C:\Lockers`).

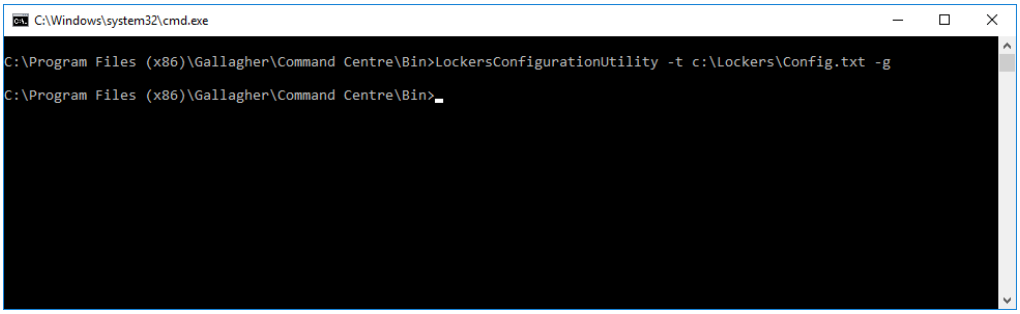
c) Navigate to `'Utilities\LockersConfigurationUtility x.xx.x'` folder of the Command Centre installation media, then copy all the files.

d) Navigate to `'C:\Program Files (x86)\Gallagher\Command Centre\Bin'`, and paste the copied files.

Running the utility:

1. Navigate to `C:\Program Files (x86)\Gallagher\Command Centre\Bin`.
2. Ensure no item is selected. Hold down <**Shift**>, then right-click a blank area in the window.
3. Select **Open command window here** or **Open PowerShell window here**.
Windows Command Prompt or PowerShell displays.
4. Enter the following command line to generate a config file:
LockersConfigurationUtility -t [file-path] \[file-name.txt] -g

   E.g. `LockersConfigurationUtility -t C:\Lockers\Config.txt -g`



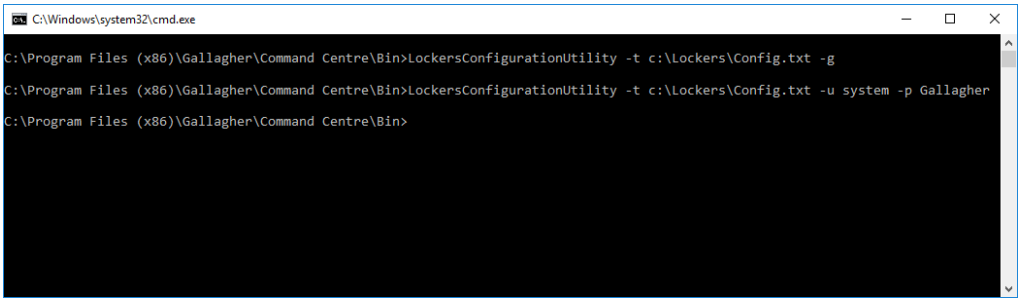
Notes:
- If a file-name is specified without a file-path, the file is generated in the following folder: C:\Program Files (x86)\Gallagher\Command Centre\Bin
- Ensure that the file extension is declared.
- If a file with the same name already exists in the folder, Command prompt will generate an error.

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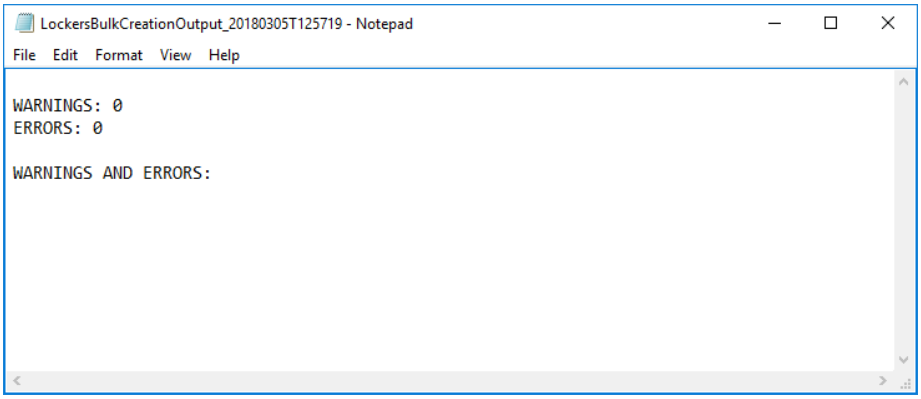
- If there is a space in the file or folder name, then quotations are required.
  E.g. `LockersConfigurationUtility -t "C:\East Wing Lockers\Config Locker.txt" -g`

5. Open Microsoft Excel, then navigate to the location of the Config file.
6. From the File type drop-down list, change All Excel Files to All Files.
   The **Config.txt** file will be visible.
7. Select the file you generated, then click **Open**.
   The Text Import Wizard window displays.
8. From the original data type grid, ensure Delimited is selected, then click **next**.
9. Ensure **Tab** is selected in Delimiters grid, then click **next** and click **Finish**.
10. Enter data for each column. Refer to the table above for data types.
    Notes:
    - A Locker Bank must be specified for each Locker, otherwise an error will be generated and the import process will be stopped.
    - Each Locker must be assigned to a Locker Bank.
    - A Reader can only be assigned to one Locker Bank.
    - All Locker Banks and Lockers must have an Alarm Zone assigned to them.
11. In Command prompt, enter the following command to import the file:
    LockersConfigurationUtility -t [file-path] \[file-name.txt] -u [Operator username] -p [Operator Password]

    E.g. `LockersConfigurationUtility -t C:\lockers\Config.txt -u system -p Gallagher`



When the Command successfully executes, the Lockers and Locker Banks will be created and configured in the Command Centre.
The following Notepad window displays:



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3 Command Centre Data Fields

The utility creates Lockers and/or Locker Banks with the following fields. After the creation of the Locker Banks, the **Assignment** tab of each Locker Bank needs to configured manually.

Name	Command Centre Field	Data Type
Name	The name of the Locker.	Text
Bank Name	The name of the Locker Bank.	Text
Short Name	The short name of the Locker.	Text
Bank Short Name	The short name of the Locker Bank.	Text
Description	The description of the Locker.	Text
Bank Description	The description of the Locker Bank.	Text
Division	The division of the Locker. The division must be pre-configured in Command Centre. Divisions are not created by the tool.	Text
Bank Division	The division of the Locker Bank. The division must be pre-configured in Command Centre. Divisions are not created by the tool.	Text
Alarm Zone	The alarm zone of the Locker. The alarm zone must be pre-configured in Command Centre. Alarm zones are not created by the tool. **Note:** You must declare an Alarm Zone for a Locker.	Text
Bank Alarm Zone	The alarm zone of the Locker Bank. The alarm zone must be pre-configured in Command Centre. Alarm zones are not created by the tool. **Note:** You must declare an Alarm Zone for a Locker Bank.	Text
Bank Controller	The controller the Locker bank will be attached to. The controller must be pre-configured in Command Centre. Controllers are not created by the tool.	Text
Lock Type	Mortise, Shear, Automatic.	Text
Closed After (ms)	Locker not confirmed as closed until this time has elapsed.	Integer (MS)
Unlock Time (s)	Time Locker remains unlocked after opening.	Integer (S)
Open Too Long (s)	Locker Open Too Long alarm will be raised once Locker stays open for this length of time.	Integer (S)
Forced Open	Y or 1 = checked, N or 0 = unchecked.	Boolean
Extended Access Time (s)	Additional time added to Locker Unlock Time when cardholder has 'Use extended access time' selected.	Integer (S)
Open Sensor	The name of the Open Sensor input. If this input does not exist the tool will create the input in the division of the Locker and attach it to the Locker. If the input does exist, the tool will attach it to the Locker. **Note:** It will not assign inputs to controllers.	Text
Unlock Output	The name of the Unlock output. If this output does not exist the tool will create the output in the division of the Locker and attach it to the Locker. If the output does exist the tool will attach it to the Locker. **Note:** It will not assign outputs to controllers.	Text
Readers	Must be readers that already exist in Command Centre. Readers are not created by the tool. Add multiple readers by separating them with '|'.	Text

Note for Admin:
The Lockers Configuration Utility consumes a workstation. If your licence has only one workstation, logout from the Configuration Client before running Command prompt to import the TSV config file. Otherwise the Command prompt will generate a server connection error.

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