DeviceDeployer Admin Guide and Reference Manual

April 2023

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Introduction

DeviceDeployer is a power tool that allows you to pre-configure SafeConsoleReady Devices (DL4, K350, Sentry ONE) in as little as 30 seconds, with no button pushing required. Plug devices, one after another, into a Windows PC out of the box and see them immediately become securely configured, no further device interaction is required. No accessories are needed. The device is ready to hand to your end-user, either they pick their own password according to your policy[1] OR it has been preset with a random password that you provide them.

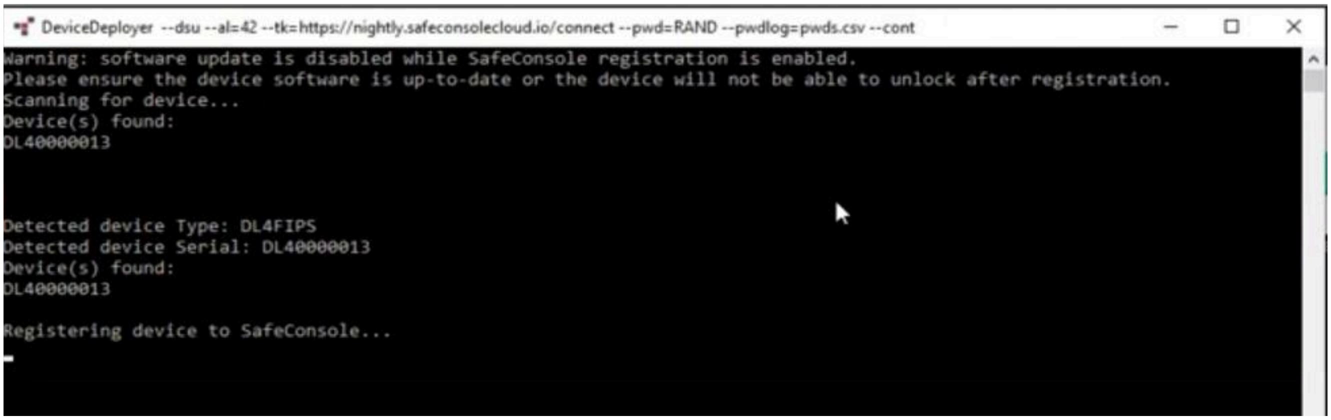
DeviceDeployer works for both centrally and locally managed devices

Presetting devices with powerful random passwords for locally managed devices OR connecting them to SafeConsole has never been quicker or more effortless.

Password management is superior with SafeConsole but possible when locally managed

The scalable method for remote password resets with an audit trail is available when managing devices with SafeConsole. If the K350 or DL4 is not centrally managed and a User role is activated, the user data can be recovered using the Admin role password. It is also possible to output device details and Admin passwords into an Excel-ready CSV file with DeviceDeployer.

[1] Notify your account manager when you place your order as all firmware versions do not supports this feature.



```
DeviceDeployer --dsu --al=42 --tk=https://nightly.safeconsolecloud.io/connect --pwd=RAND --pwdlog=pwds.csv --cont
```

```
Warning: software update is disabled while SafeConsole registration is enabled.
Please ensure the device software is up-to-date or the device will not be able to unlock after registration.
Scanning for device...
Device(s) found:
DL40000013



Detected device Type: DL4FIPS
Detected device Serial: DL40000013
Device(s) found:
DL40000013

Registering device to SafeConsole...
_
```

Screenshot of the DeviceDeployer connecting a DL4 to SafeConsole.

Command Line Arguments

Open a Command prompt and run the tool (default name DeviceDeployer, or DeviceDeployer.exe) with any of the following arguments. Some arguments require others.

General examples

```
DeviceDeployer --al=42 --cont --log=output.txt --sc=1
```

(Sets the autolock time to 42 minutes, sets SafeConsole on, turns on continuous mode, and logs to output.txt)

```
DeviceDeployer --al 42 --cont --log output.txt --sc 1
```

(Same settings, but using spaces instead of =)
Note that if = is used, the parameter value must immediately follow. If you wish to use spaces instead, do not use the = sign.

```
DeviceDeployer --cont --pwd=RAND --pwdlog=pwd.csv
```

(Turn on continuous mode, set a random admin password, log generated passwords to pwd.csv on desktop)

```
DeviceDeployer -h
```

Displays all command-line options

Help

-?, -h, -	Displays help and all command-line options.

List of available arguments

```
DataLocker DeviceDeployer
Client version: 6.5.1

Usage: DeviceDeployer [options]
DataLocker DeviceDeployer

Options:
  -?, -h, --help                                      Displays help on
                                                      commandline options.
  --help-all                                          Displays help including
                                                      Qt specific options.
  --log, --logfile <file>                             Log output to [file]
                                                      specified(on desktop),
                                                      e.g. --log=update.txt
  --cont, --continuous                                Run this application in
                                                      continuous mode. Allows
                                                      devices to be configured
                                                      in sequence without
                                                      re-launching.
  --cpwd, --currentpassword <password>                Send current
                                                      administrator password
                                                      [password]. Required to
                                                      change admin password if
                                                      the drive is initialized.
  --tk, --token <token>                               Set SafeConsole
                                                      registration token to
                                                      [token].
  --utk, --usertoken <token>                          Set SafeConsole user
                                                      token to [token].
  --dsu, --disablesoftwareupdate                      Do not update device
                                                      client software. Important
                                                      note: if SafeConsole
                                                      registration is being
                                                      performed, the client must
                                                      be up-to-date in order to
                                                      unlock afterwards.
  -e, --email <email>                                 Set SafeConsole user
                                                      email to [email].
  --sn, --serialnumber <serialnumber>                 Use on a specific device,
                                                      otherwise use the first
                                                      device found.
  --cf1 <cf1>                                         First custom message
                                                      field for SafeConsole
                                                      registration.
  --cf2 <cf2>                                         Second custom message
                                                      field for SafeConsole
                                                      registration.
  --cf3 <cf3>                                         Third custom message
                                                      field for SafeConsole
                                                      registration.
  --reset                                             Resets a device that has
                                                      been registered to
```

```
                                                    SafeConsole and where the
                                                    policy allows it ('Disable
                                                    users from resetting
                                                    device' is unchecked).
--pwd, --adminpassword <password>                   Set administrator
                                                    password to [password].
                                                    Use RAND to generate a
                                                    random password. if RAND
                                                    is used, requires the use
                                                    of --pwdlog. Note that if
                                                    the drive is initialized,
                                                    you must also use --cpwd.
--pwdlog, --passwordlog <file>                      Write passwords changed
                                                    to csv [file] on desktop,
                                                    along with device serial
                                                    number and timestamp
--bm, --blockmenu <block>                           Block out on-device menus
                                                    for configured items (1)
                                                    or unblock items (0)
                                                    [block]. Note: only works
                                                    if the device is not
                                                    registered to SafeConsole.
-u, --user <user>                                   Set password to [user] to
                                                    enable user account or
                                                    disable user account (0).
                                                    Use RAND to generate a
                                                    random password. if RAND
                                                    is used, requires the use
                                                    of --pwdlog.
--sc, --safeconsole <on>                            Set safeconsole mode on
                                                    (1) or off (0) [on].
--ro, --readonly <on>                               Set readonly mode on (1)
                                                    or off (0) [on].
--al, --autolock <time>                             Set autolock time in
                                                    minutes (2-261) or off (0)
                                                    [time].
--pl, --passwordlength <length>                     Set minimum password
                                                    length (8-30) to [length]
--ra, --requirealphabet <on>                        Set requirement for
                                                    alphabet in password on
                                                    (1) or off (0) [on]
--rn, --requirenumber <on>                          Set requirement for
                                                    number in password on (1)
                                                    or off (0) [on]
--rs, --requirespecial <on>                         Set requirement for
                                                    special character in
                                                    password on (1) or off (0)
                                                    [on]
--mfa, --maxfailedattempts <max>                    Set requirement for max
                                                    failed unlock attempts
                                                    (10-50) to [max]
--det, --detonatedevice <on>                        Set device destruction
                                                    (not only data) when brute
                                                    forced. On (1) or off (0)
                                                    [on]
--fpc, --forcepasswordchange <forcepasswordchange>  Force the admin account
                                                    to change password on the
                                                    next use (1) or keep using
```

	`default password (0).`
`--rem, --reportremovable <reportremovable>`	`(K350 only) Have the device report as removable (1) / fixed (0)`

Professional services are available

DeviceDeployer is possible to use with DataLocker devices, and dedicated support is available from our professional services team. Talk to your account manager for more information. Note that DeviceDeployer is not supported by general DataLocker support.