Provisioning sequence and timing of encryption
(KX-TGP600/HDV1xx/HDV2xx series)
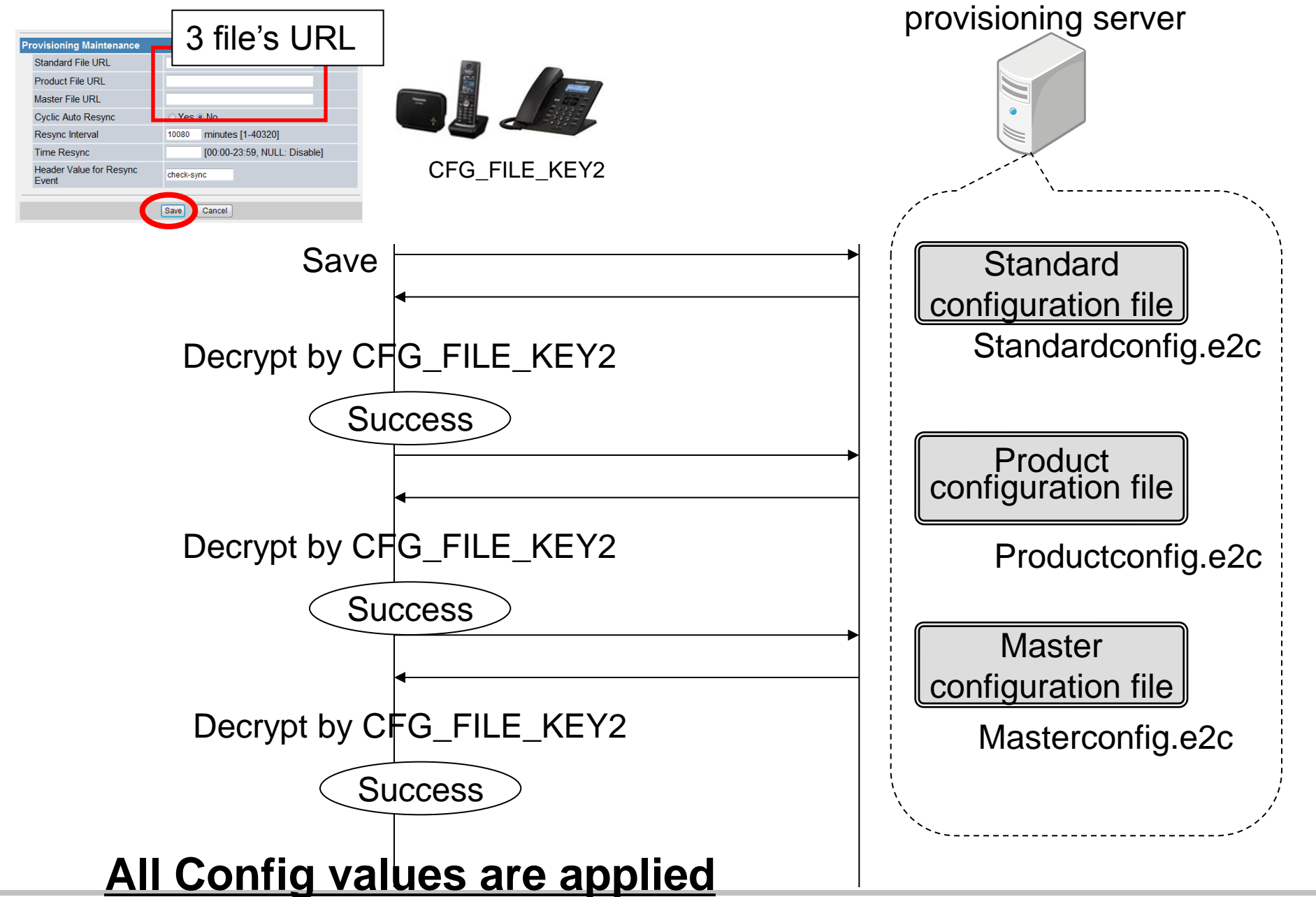
No. 02-007

Sep 10 , 2015

Ver.1.0

Panasonic Corporation

Abstract about this document

This document describe about the timing when CFG_FILE_KEY is applied to TGP600 /HDVxxx during provisioning process. During provisioning, the Unit use 3 types (Standard, Product, Master) of keys to decrypt each encrypted configuration files depend on the extension name. There is a situation the unit fails to decrypt Product and Master file. This document describes the provisioning sequence and how to use the Key files, also the case the unit fails to decrypt files.
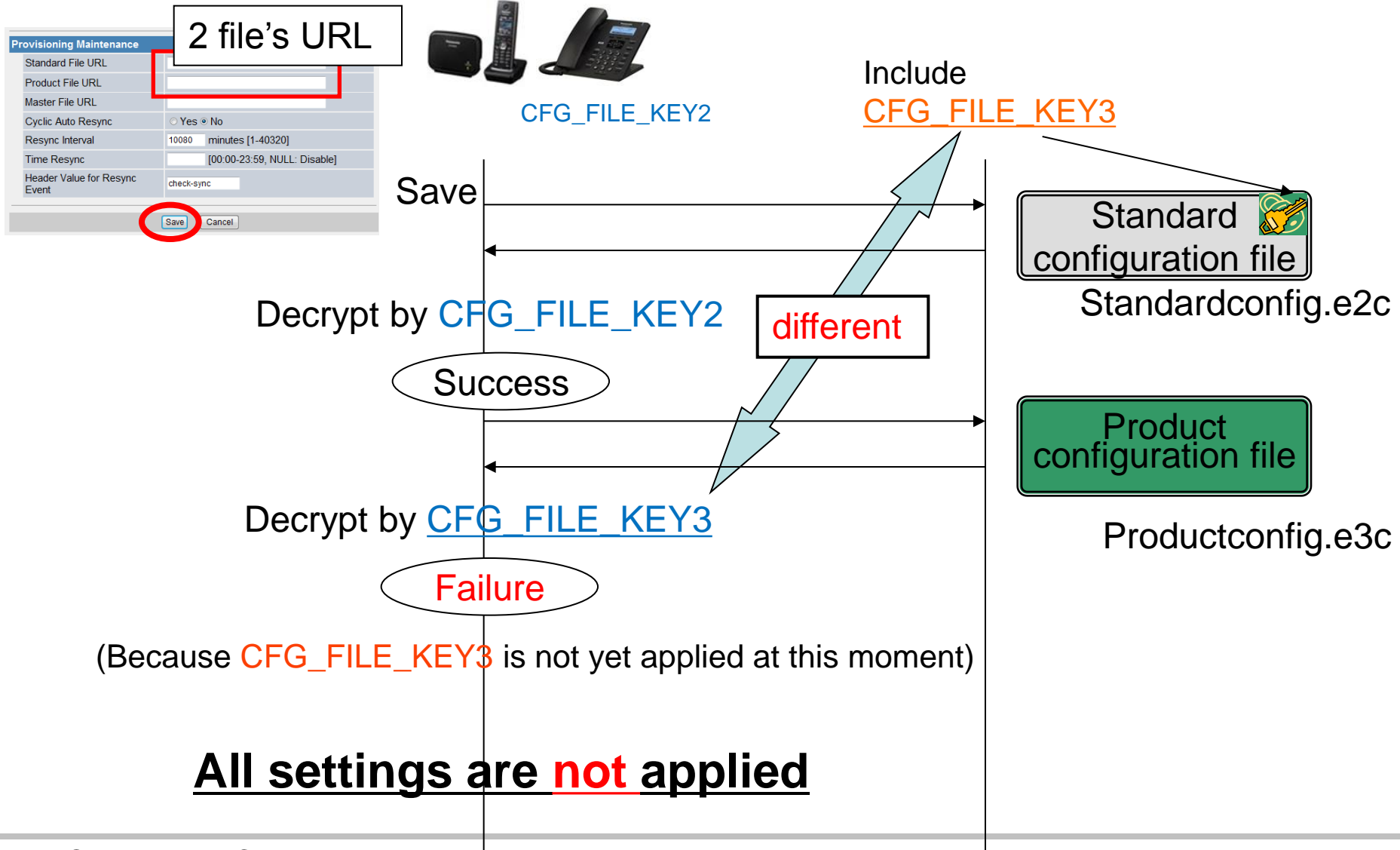
Revision history

Date	Version	Revision	Firmware version
Sep. 10, 2015	Ver. 1.0	Initial Release	All versions

1. Provisioning processing in TGP600/HDVxxx (In case only Key number 2)

provisioning server

Provisioning Maintenance	
Standard File URL	
Product File URL	
Master File URL	
Cyclic Auto Resync	○ Yes ● No
Resync Interval	10080 minutes [1-40320]
Time Resync	[00:00-23:59, NULL: Disable]
Header Value for Resync Event	check-sync

3 file's URL

Save Cancel

CFG_FILE_KEY2

Save

Decrypt by CFG_FILE_KEY2

Success

Decrypt by CFG_FILE_KEY2

Success

Decrypt by CFG_FILE_KEY2

Success

Standard configuration file
Standardconfig.e2c

Product configuration file
Productconfig.e2c

Master configuration file
Masterconfig.e2c

All Config values are applied

2. Problem case (case different key is used for 3 files)

When you input both Standard and Product File URL, and if Product configuration file use is set to use Key number 2 or 3 (extension set as "e2c" or "e3c"), it is failed to apply Product configuration file since key is not applied at that moment.

Provisioning Maintenance

Standard File URL	
Product File URL	
Master File URL	
Cyclic Auto Resync	○ Yes ● No
Resync Interval	10080 minutes [1-40320]
Time Resync	[00:00-23:59, NULL: Disable]
Header Value for Resync Event	check-sync

Save   Cancel

2 file's URL

CFG_FILE_KEY2

Include
CFG_FILE_KEY3

Save

Standard configuration file

Standardconfig.e2c

Decrypt by CFG_FILE_KEY2

different

Success

Product configuration file

Productconfig.e3c

Decrypt by CFG_FILE_KEY3

Failure

(Because CFG_FILE_KEY3 is not yet applied at this moment)

All settings are **not** applied

3. Solution

Please input Standard File URL only so that Key number 3 described in Standard configuration file will be used.

1 file's URL

Provisioning Maintenance	
Standard File URL	
Product File URL	
Master File URL	
Cyclic Auto Resync	○ Yes ● No
Resync Interval	10080 minutes [1-40320]
Time Resync	[00:00-23:59, NULL: Disable]
Header Value for Resync Event	check-sync

Save Cancel

CFG_FILE_KEY2

Include CFG_FILE_KEY3

Save

Standard configuration file (Include ProductfileURL)

Decrypt by CFG_FILE_KEY2

Success

CFG_PRODUCT_FILE_PATH

Settings in the standard config file are applied
(CFG_FILE_KEY3 is applied)

Product configuration file

Decrypt by CFG_FILE_KEY3

Success

Settings in the product config file are applied

Productconfig.e3c