

## T1 2000 INSTALLATION INSTRUCTIONS (MPI) PROCEDURE

<b>Title:</b>	T1 2000 INSTALLATION INSTRUCTIONS (MPI) PROCEDURE
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### History

Revision	Authors	Date	Description
00	PRN	06/13/2017	<ul style="list-style-type: none"><li>• Initial revision</li></ul>
01	PRN	06/19/2017	<ul style="list-style-type: none"><li>• Labels' placement updated:<ul style="list-style-type: none"><li>○ Blade S/N label placed over PCB's power connector</li><li>○ No labels for M.2 SSD units</li></ul></li></ul>
02	PRN	06/26/2017	<ul style="list-style-type: none"><li>• Labels' modifications</li></ul>

### Acronyms

JMD: Jean-Marc Daniel  
FQ: Futurequest  
PRN: Paul Robin  
RT: Robert Tucker

HDD : Hard Drive Disk  
MSU : Mass Storage Unit  
LCP : Local Control Panel  
PCB : Printed Circuit Board

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## 1. Introduction

### 1.1 Background Information

You don't need to have backgrounds to understand the goal of this document.

## 1.2 Purpose

The purpose of this document is to describe main points to assemble T1 2000 Series platform based on Kontron SymKloud MS2900 chassis.  
This MPI is describing both chassis and blades assemblies.

## 1.3 Targeted Audience

- Production
- R&D

## 1.4 Reference documents

SymKloud MS2900 [documentation package](#)

## 2. Instructions

### 2.1 Chassis identification

Apply the HWR and the Ericsson S/N stickers of the chassis on the top of the chassis, front right underneath the manufacturing label:

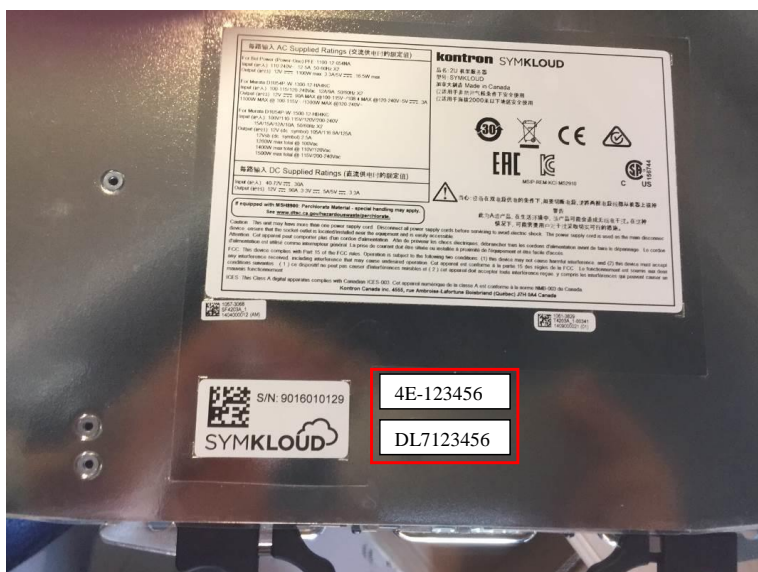


Figure 1: Chassis HWR and Ericsson S/N stickers location

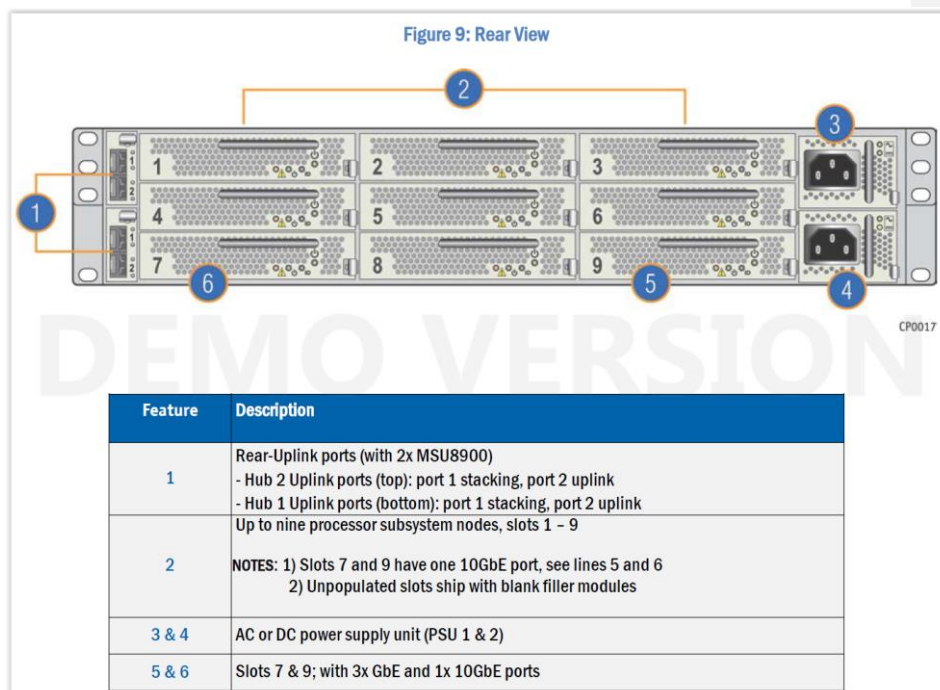
### 2.2 Power supplies

Two redundant power supplies must be used.

### 2.3 Blades placement

#### Chassis Use Cases:

- One T1 chassis with 1 to 9 blade(s) ordered (depending on the PO): **Blade #1 = slot #1; Blade #2 = slot #2; Blade #3 = slot #3... etc**



**Figure 2: Blades placement**

## 2.4 Blade insertion

**Note: Make sure to wear an antistatic wrist strap for the duration of the intervention!**

1. Holding the handle (circled in red in the pictures below), insert a node module.
2. Push it in until the safety lock clicks in place.

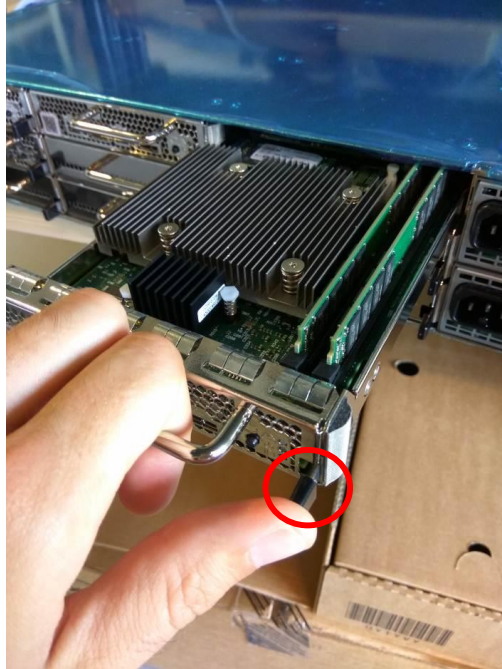


Figure 3: Blade insertion (1)



Figure 4: Blade insertion (2)

### 3. Ericsson tracking through TnT

#### 3.1.1 T1's label location rules

##### 3.1.1.1 Tracking for blades

Label location	HWR S/N (4e...)	Ericsson S/N (D7...)
Over PCB's power connector	Yes (blade S/N)	Yes (blade S/N)

##### 3.1.1.2 Tracking for 2U chassis with blades

Label location	HWR S/N (4e...)	Ericsson S/N (D7...)
Top of the chassis	Yes (chassis S/N)	Yes
PSU #1	No	Yes (PSU1 S/N)
PSU #2	No	Yes (PSU2 S/N)

#### 3.1.2 Ericsson serial number creation

1. Log into TnT (<https://tnt-bs.prevas.com/Traceability/>) with your username/password
2. Access to "Create Serial No" page
3. Enter "Product Number", click on the binoculars to get the R-State, then click on "Get Structure":

**Create Serial Number**

Product number: KDU 137 980 R-State: R1A **Get Structure**  Disable event printing

**Product Structure**

Pos	Product Number	R-State	Min	Max	Rev.
0	KDU 137 980	R1A	1	1	1

**Available Products in Structure**

Prod Number	R-State	Quantity	Batch No	Create	SerialNo	Print	Addition
KDU 137 980	R1A	1					

4. From there, click on « Create » button on the bottom of the page to generate Ericsson S/N
5. Ericsson S/N can be printed with "Print" button
6. Last step allows shipment process : on the left panel, click on "Ship/Unship Individual", fill in the Serial Number and then click on "Ship".

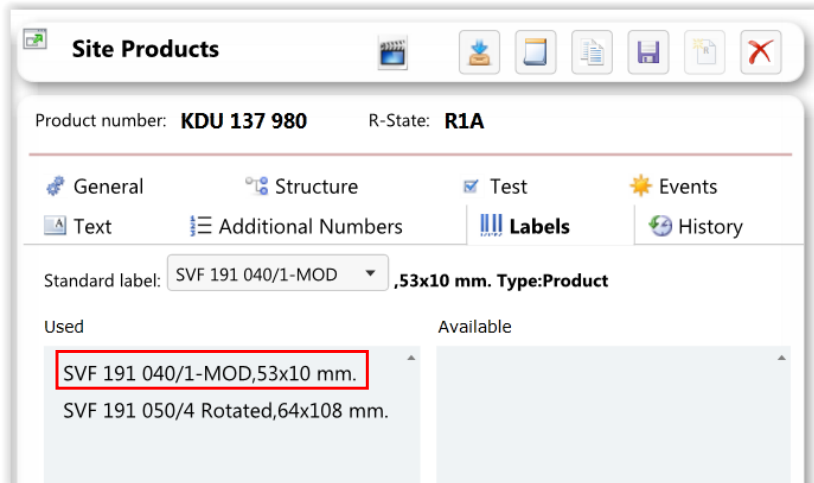
#### 3.1.3 Ericsson tracking label

**Note: The steps below are describing the printing of the chassis tracking label with chassis serial number.**

**For PSU, hard drives and nodes/blades, Ericsson tracking label will be printed with associated serial number.**

7. Log into TnT (<https://tnt-bs.prevas.com/Traceability/>) with your username/password

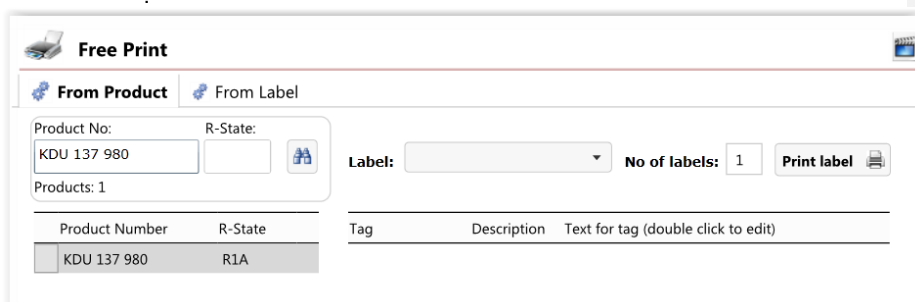
8. Under "Product Preparation", choose "Site Products"
9. Click on the binoculars
10. Scroll until you find Ericsson product number for this chassis. As example:
  - KDU 137 980 for G7 2053
11. Once Ericsson product number is selected, click on "Labels" and check that the tracking label (SVF 191 040/1) is in "Used" column, like below:



12. If not, select it in "Available" column and double click on it to add it in "Used" column
13. Save your changes by clicking on floppy disk icon :



14. Last step is to print Ericsson tracking label for this chassis :
  - Under "Print Label" section on the left, click on "Free Print"
  - Search for your product number in the blank space and click on the binoculars



- Then select the label in the scrolling list as shown below:



**Free Print**

From Product    From Label

Product No:     R-State:

Products: 1

Label:     No of labels:     **Print label**

**Product Label (PB)**

Tag	Description	Text for tag (double click to edit)
F1	Product Number	KDU 137 980
F17	Country of Origin	United States
F1T	Product Number	KDU137980
F2	R-State	RIA
F3	Marking Text	G7 2053 - 1/2U processing node
F4	Serial Number	
YYYYMMDD	Manufacturing date	20161013

- Now you can click on "Print label"

### 3.2 Labels Placement

#### 3.2.1 Serial number stickers

##### 3.2.1.1 Ericsson PSU#1 sticker (if implemented by ECO)

The Ericsson PSU#1 S/N sticker will be placed on top of PSU#1:

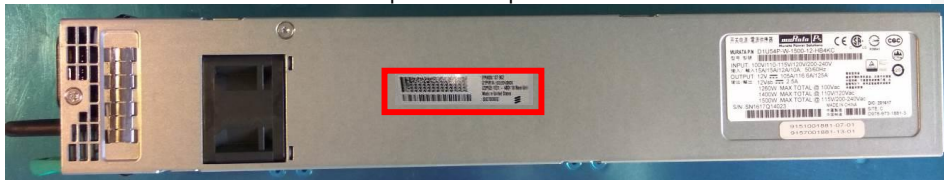


Figure 5 : Ericsson PSU#1 sticker

##### 3.2.1.2 Ericsson PSU#2 sticker (if implemented by ECO)

The Ericsson PSU#2 S/N sticker will be placed on top of PSU#2:



Figure 6 : Ericsson PSU#2 sticker

##### 3.2.1.3 Standard S/N stickers

Both HWR and Ericsson blade S/N stickers must be placed over PCB's power bridge connector as shown below in red:

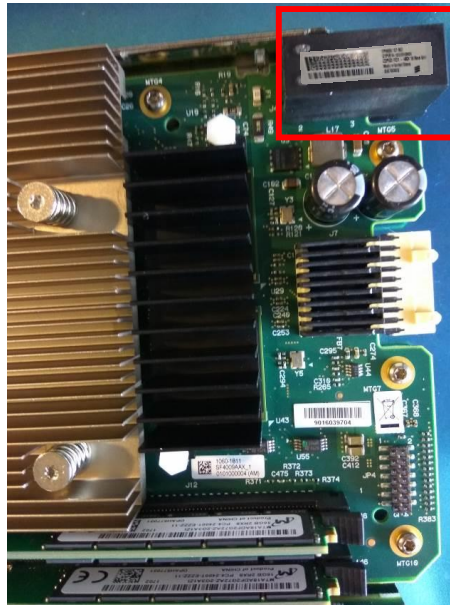


Figure 7: Ericsson/HWR blade S/N sticker

#### 3.2.1.4 Small backpanel S/N sticker

S/N sticker (small one) of the blade must be placed at the rear of the blade as shown below:



Figure 8: S/N sticker at the rear of the blade

### 3.2.2 "Warranty Void" label sticker

Commented [JMD1]: To be checked

A Warranty label must be placed over the seal on top of the chassis once the system has been signed off for QA. The sticker must be straight.

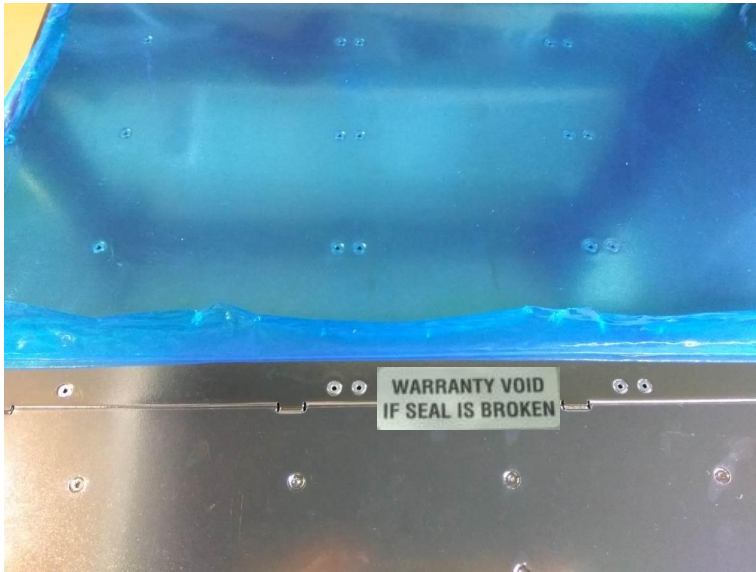


Figure 9: Location of the Warranty Sticker/Label (Top)

### 3.2.3 Manufacturing label

- Ericsson's manufacturing label (in red below) must be placed on the top of the chassis, right above default Kontron's manufacturing label:

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Figure 10: Manufacturing label location

- Below the T1 2000 series assembly label (P/N: 23-00094-01):



This procedure is now complete. Please refer to the next manufacturing instructions described into the FLP document.