

# Kairos Validation test report (検証報告書)

## 1. Outline (概要) & Purpose (目的)

The purpose of this validation is to test interconnectivity or interoperability of Kairos with our partner's (3<sup>rd</sup> party's) product.

## 2. Validation product (検証対象機器)

Vender name	Product name	Firmware	Protocol
APRESIA	ApresiaNP7000-48X6L	BUILD 1.08.03	Redundancy Protocol
	ApresiaNP2100-24T4X	BUILD 1.10.02	MMRP-PLUS(*)

MMRP-PLUS(Multi Master Ring Protocol Plus) is a redundancy protocol in Layer 2.

Its recovery time is approximately 200 msec, while the recovery time of spanning-tree is around 2 seconds.

## 3. Place of testing (検証場所) & Date of testing (検証期間)

MEBD Osaka, Japan

10<sup>th</sup> March, 2022

## 4. Validation environment (検証環境)

Used apparatus (使用機器)

Equipment Name	Model	S/W Version	Remarks
Kairos Core server	AIC Server	Ver. 1.1.14	
Kairos Creator	Dell PC	Ver. 1.1.14	

## 5. NW Diagram for Management (検証管理用 NW 構成図)

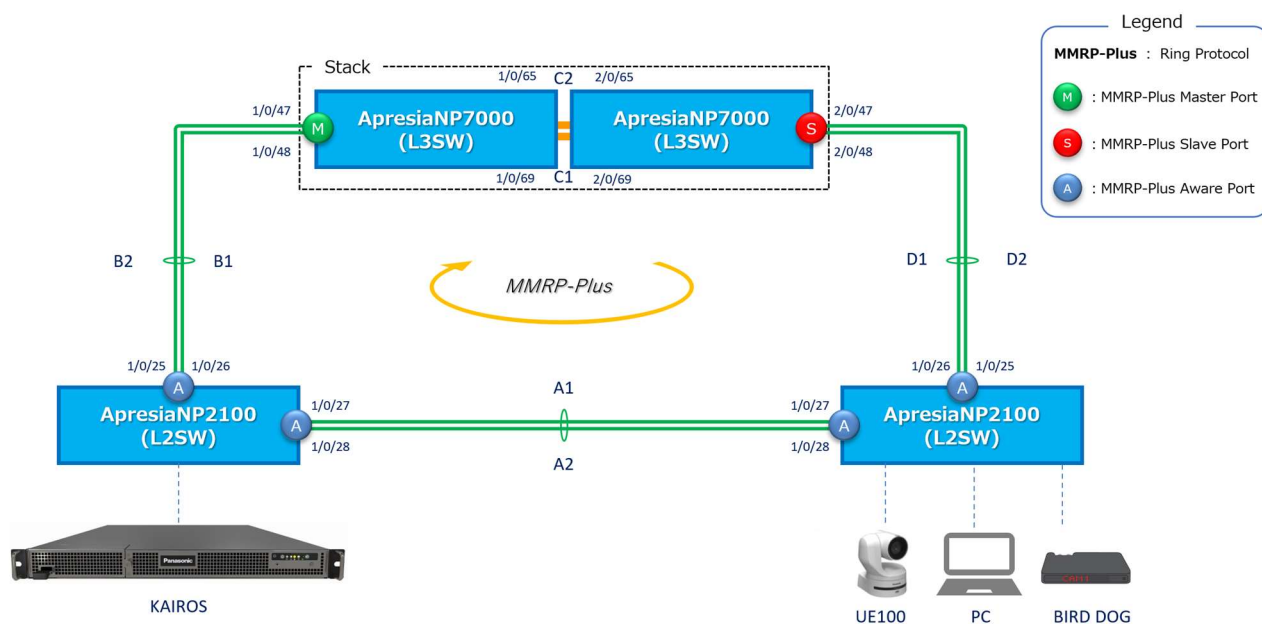


Fig. 1

## 6. Verifier (検証者)

T. Toyofuku

## 7. Validation items & results (検証項目 & 検証結果)

Unplugged Position(s)	SRT (UE100->KAIROS)	SRT (KAIROS->PC)	NDI (UE100>KAIROS)	NDI (KAIROS->BIRD DOG)
A1	No Change	No Change	Recovered	Recovered
A1 and A2	Recovered	Recovered	Recovered	Recovered
A1, A2 and C1	No Change	No Change	Recovered	Recovered
A1, A2, C1 and C2	Stopped	Stopped	Stopped	Stopped
All the cables are plugged in after A1, A2, C1 and C2 are unplugged.	Not Recovered	Not Recovered	Recovered in 20 seconds	Recovered in 20 seconds