SeQent
Real-Time Decision Solutions

MOTO**TRBO**™
Connect Plus Integration

MOTOROLA
SOLUTIONS

Motorola Solutions MOTOTRBO™ Connect Plus
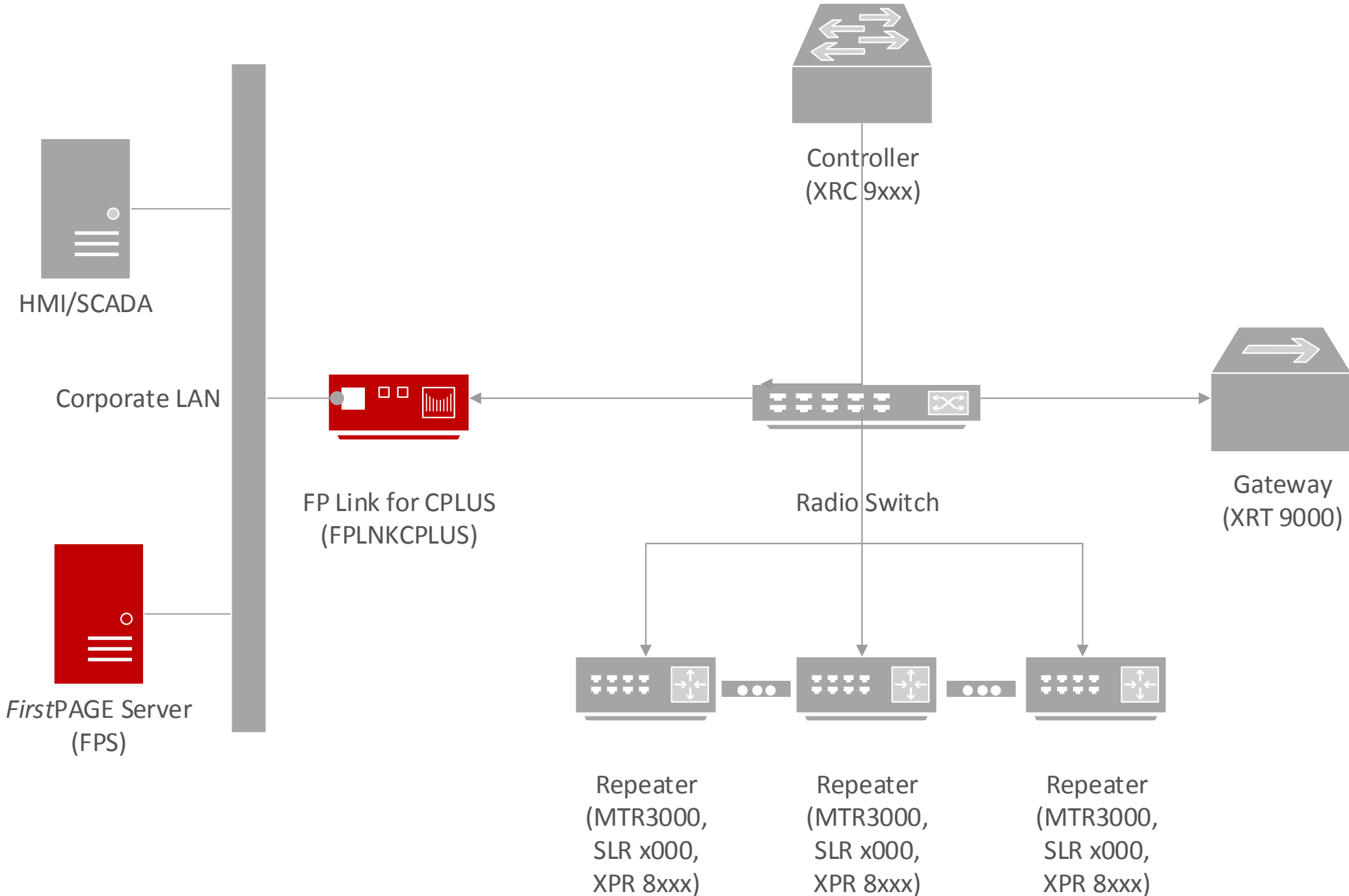## Text Messaging Network Architecture Overview

Motorola MOTOTRBO radios, being a digital-based product, provide a data component which can be utilized to send text messages. SeQent offers a solution enabling "*FirstP*AGE Server" (FPS) to send messages to the MOTOTRBO Connect Plus Controller for delivery.

"*FirstP*AGE Server" may be interfaced with Connect Plus by way of a *FirstP*AGE Link product known as: "*FirstP*AGE Link for CPLUS" (FPLNKCPLUS). "*FirstP*AGE Link for CPLUS" provides an SNPP front end to which "*FirstP*AGE Server" can be connected. This enables the Connect Plus text messaging and presence protocols on the back end to route messages to the MOTOTRBO network for delivery.
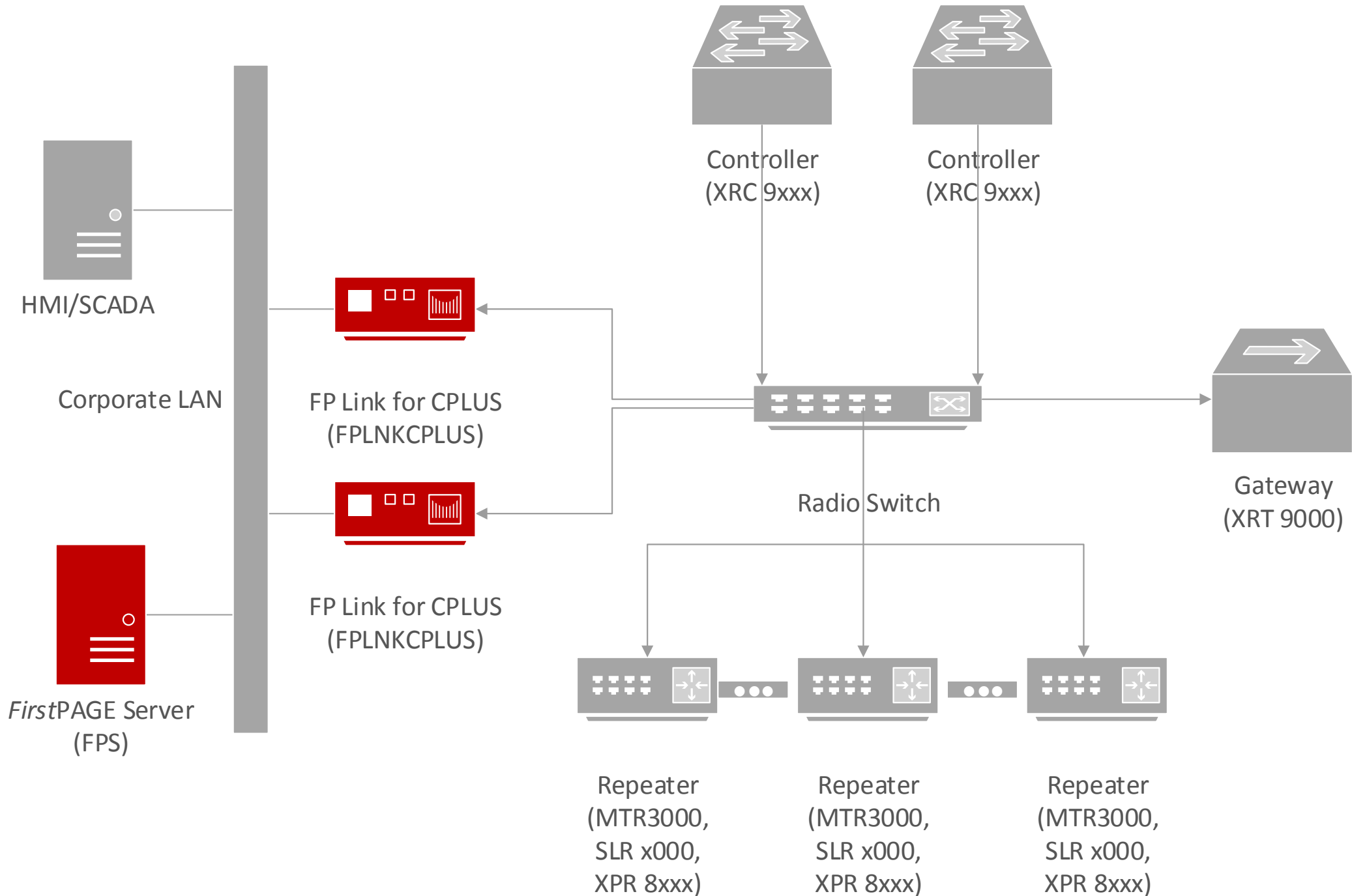
"*FirstP*AGE Link for CPLUS" implements an SNPP server to enable SNPP compliant applications to remit text messages to the MOTOTRBO platform. This SNPP interface is the same protocol utilized to connect too many mobile phone carriers. In the case of MOTOTRBO Connect Plus, the Network ID in *FirstP*AGE Servers Destination configuration for Connect Plus destinations is the numeric radio id (SUID) or talk group id (TGID).

MOTOTRBO Connect Plus is typically implemented with a private network providing connectivity between the MOTOTRBO radio system components.

MOTOTRBO™ Connect Plus
Standard Appliance

HMI/SCADA

Corporate LAN

*First*PAGE Server
(FPS)

FP Link for CPLUS
(FPLNKCPLUS)

Controller
(XRC 9xxx)

Radio Switch

Gateway
(XRT 9000)

Repeater
(MTR3000,
SLR x000,
XPR 8xxx)

Repeater
(MTR3000,
SLR x000,
XPR 8xxx)

Repeater
(MTR3000,
SLR x000,
XPR 8xxx)

MOTOTRBO™ Connect Plus
Redundant Appliance

HMI/SCADA

Corporate LAN

*First*PAGE Server
(FPS)

FP Link for CPLUS
(FPLNKCPLUS)

FP Link for CPLUS
(FPLNKCPLUS)

Controller
(XRC 9xxx)

Controller
(XRC 9xxx)

Radio Switch

Gateway
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(MTR3000,
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MOTOTRBO™ Connect Plus
Software License

HMI/SCADA

Corporate LAN

*First*PAGE Server
(FPS)
FP Link for CPLUS
(FPLNKCPLUS)

Controller
(XRC 9xxx)

Radio Switch

Gateway
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Repeater
(MTR3000,
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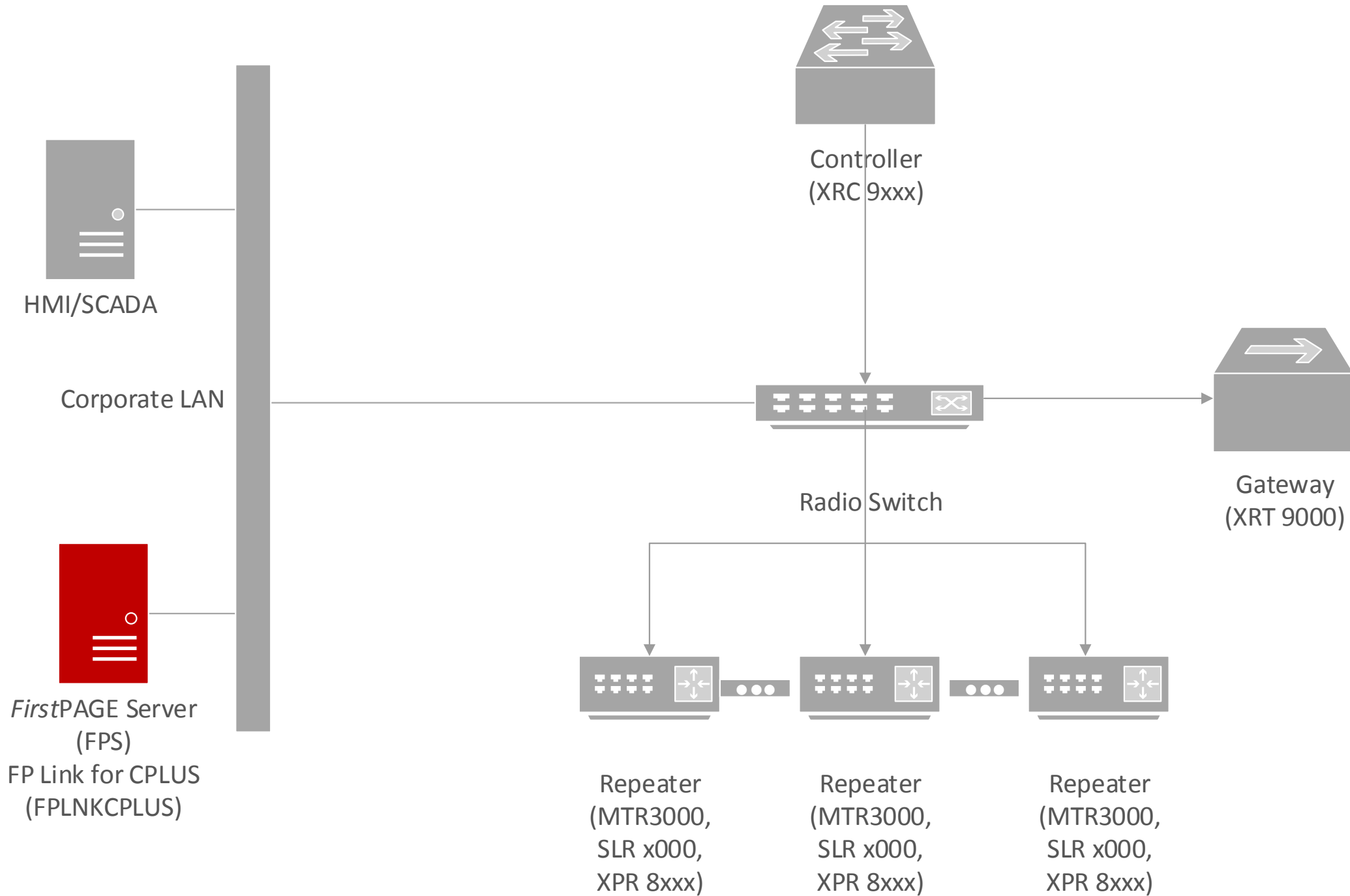
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