

WV-ASF950 System Ports and Protocols Guide

Nov. 2020, Ver.1.00

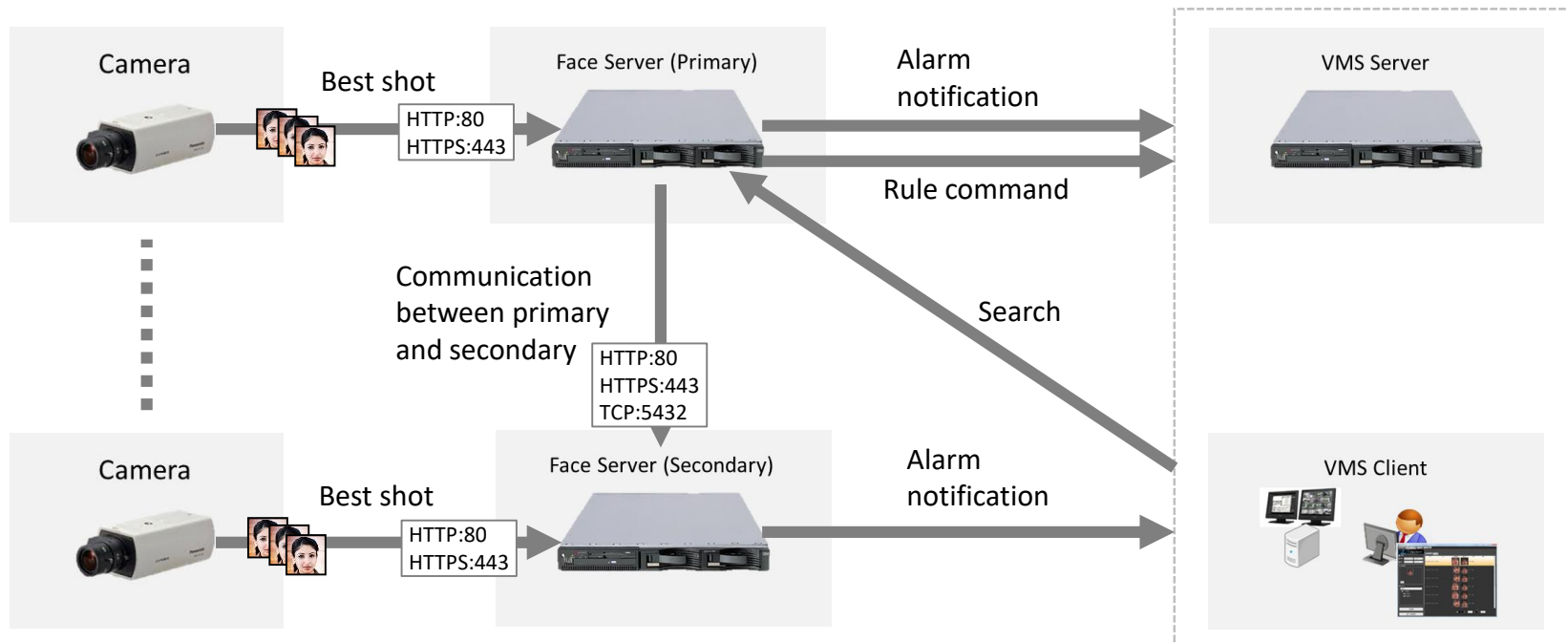
Panasonic i-PRO Sensing Solutions Co., Ltd.

This document explains ports and protocols used by WV-ASF950 system.

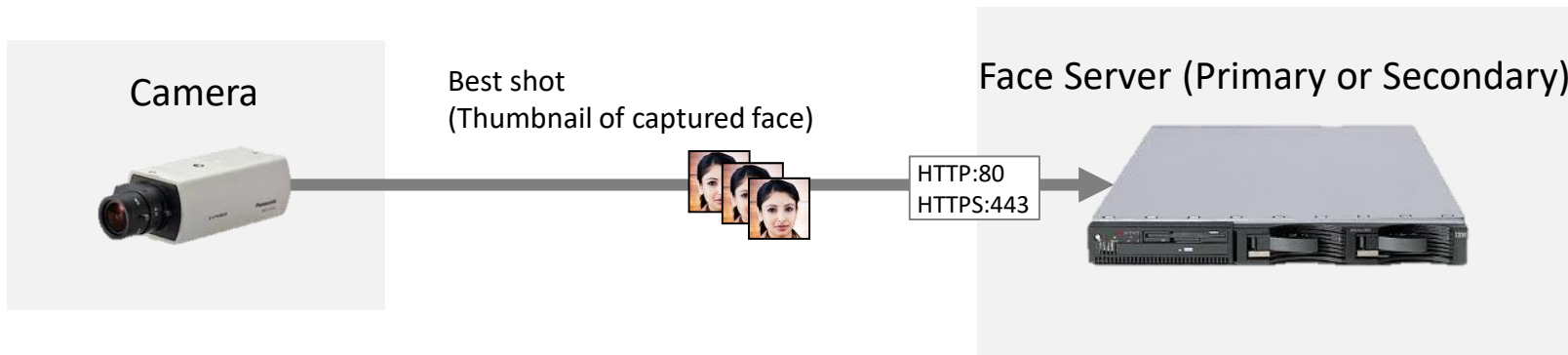
Note that ports and protocols used for except facial recognition features such as live monitoring, recording and so on are not described in this document.

Definitions of Terms

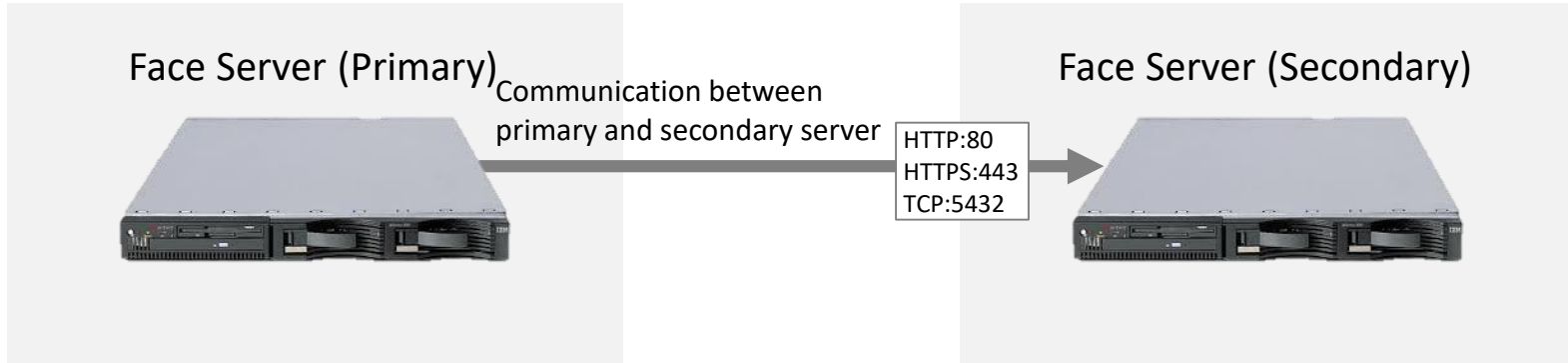
- “Face Server” means “PC installed WV-ASF950 software”.
- “Camera” is generic term for i-PRO series network cameras.
- “VMS Server” means as below;
 - Server installed “Video Insight IP Server” in the case of Video Insight
 - Server installed “Security Center” in the case of Genetec
 - Server installed all server components in the case of Milestone
- “VMS Client” means as below;
 - PC installed “VI Monitor Plus” in the case of Video Insight
 - PC installed “Security Desk” in the case of Genetec
 - PC installed “XProtect Smart Client” in the case of Milestone
- “Primary of face server” may be described as “Master of face server” in other documents including help file of WV-ASF950. “Secondary of face server” may be described as “Slave of face server” as well.



Communications between face server and VMS server/client are different from VMS. Refer to the following pages.

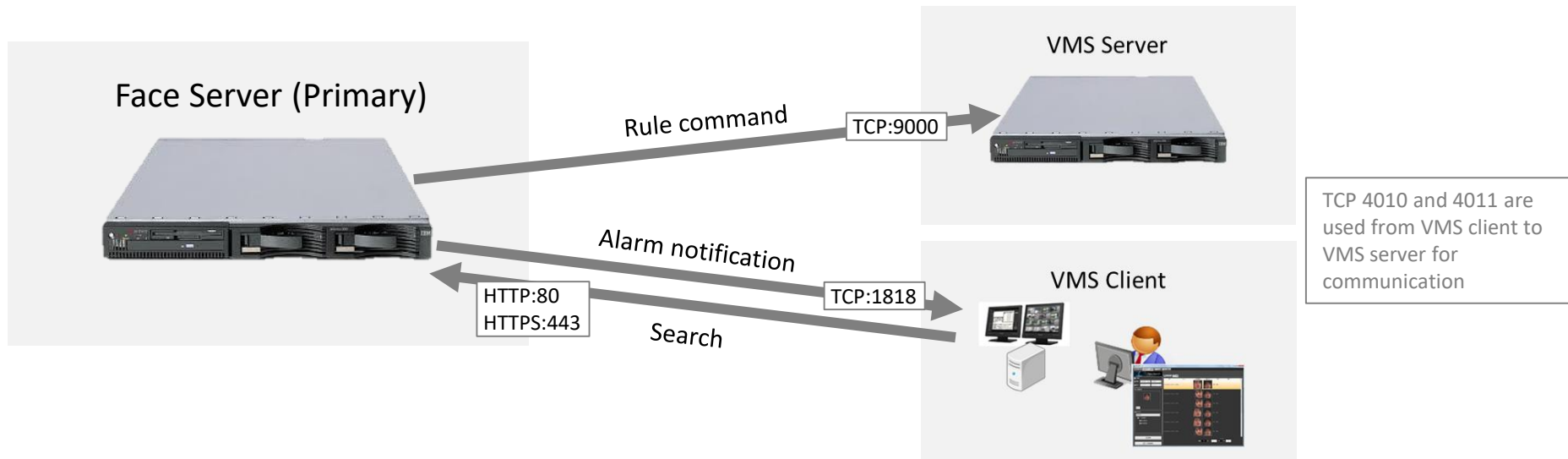


Function	Protocol	Port	Source	Destination
Best shot	HTTP	80	Camera	Face server
	HTTPS	443		



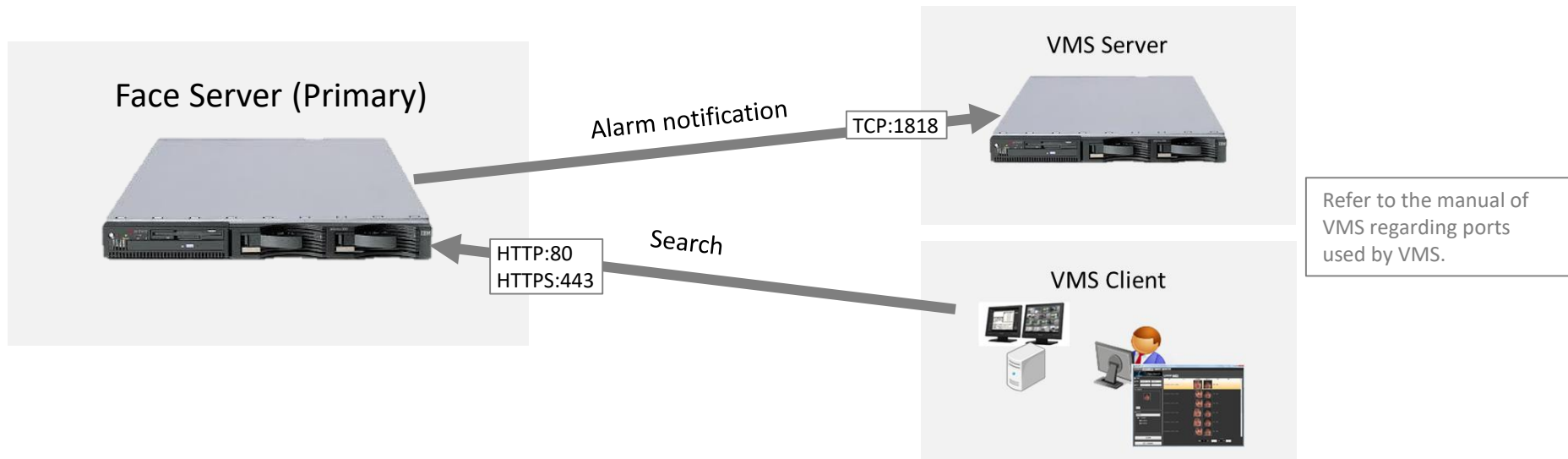
Function	Protocol	Port	Source	Destination
Communication between primary and secondary of face server	HTTP	80	Primary of face server	Secondary of face server
	HTTPS	443		
	TCP	5432		

Between Face Server and VMS (Video Insight)

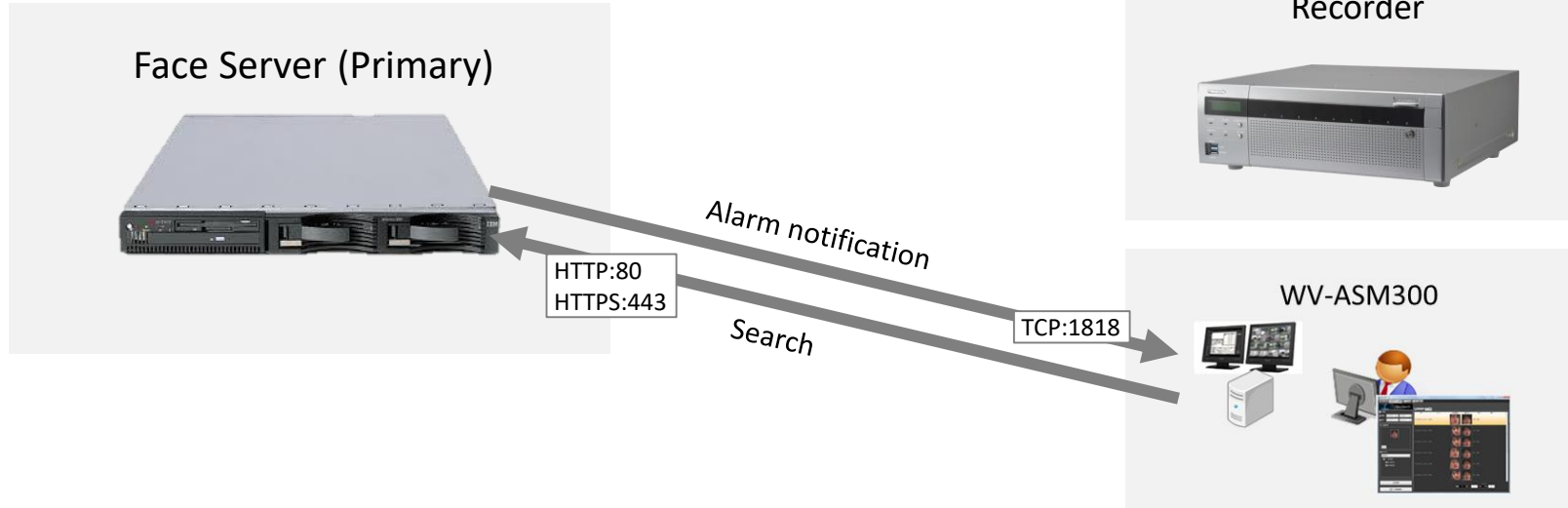


Function	Protocol	Port	Source	Destination
Rule command	TCP	9000	Face server	VMS server
Alarm notification	TCP	1818	Face server	VMS client
Search	HTTP	80	VMS client	Primary of face server
	HTTPS	443		

Between Face Server and VMS (Genetec and Milestone) **i-PRO**



Function	Protocol	Port	Source	Destination
Alarm notification	TCP	1818	Face server	VMS server
Search	HTTP	80	VMS client	Primary of face server
	HTTPS	443		



Function	Protocol	Port	Source	Destination
Alarm notification	TCP	1818	Face server	WV-ASM300
Search	HTTP	80	WV-ASM300	Primary of face server
	HTTPS	443		

-PRO