

KEY:

10 GbE storage VLAN —

1 GbE User VLAN —

10 GbE Fiber switch cross-link - - -



TITLE

VLAN SCHEMATIC, HEADQUARTERS, MINISTRY OF HEALTH AND CHILD WELFARE, HARARE, ZIMBABWE

DRAWN BY

PRICE, STEPHEN

DATE

8/2/2013

REVISED

1/15/2014

FILENAME

HQ DIAGRAMS.VSD

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Depending on distance, could use twinax uplinks for 10GbE (40GbE are fiber only)
Minimum 2 x 10 GbE uplinks for each NAS Head and Virtualization Server

Connections for NAS Head #2 and Virtualization Server #2 are mirror images of those shown. NAS Head #2 and Virtualization Server #2 are not shown for clarity.

WEST WING

EAST WING

Distribution Switch (2 per floor)

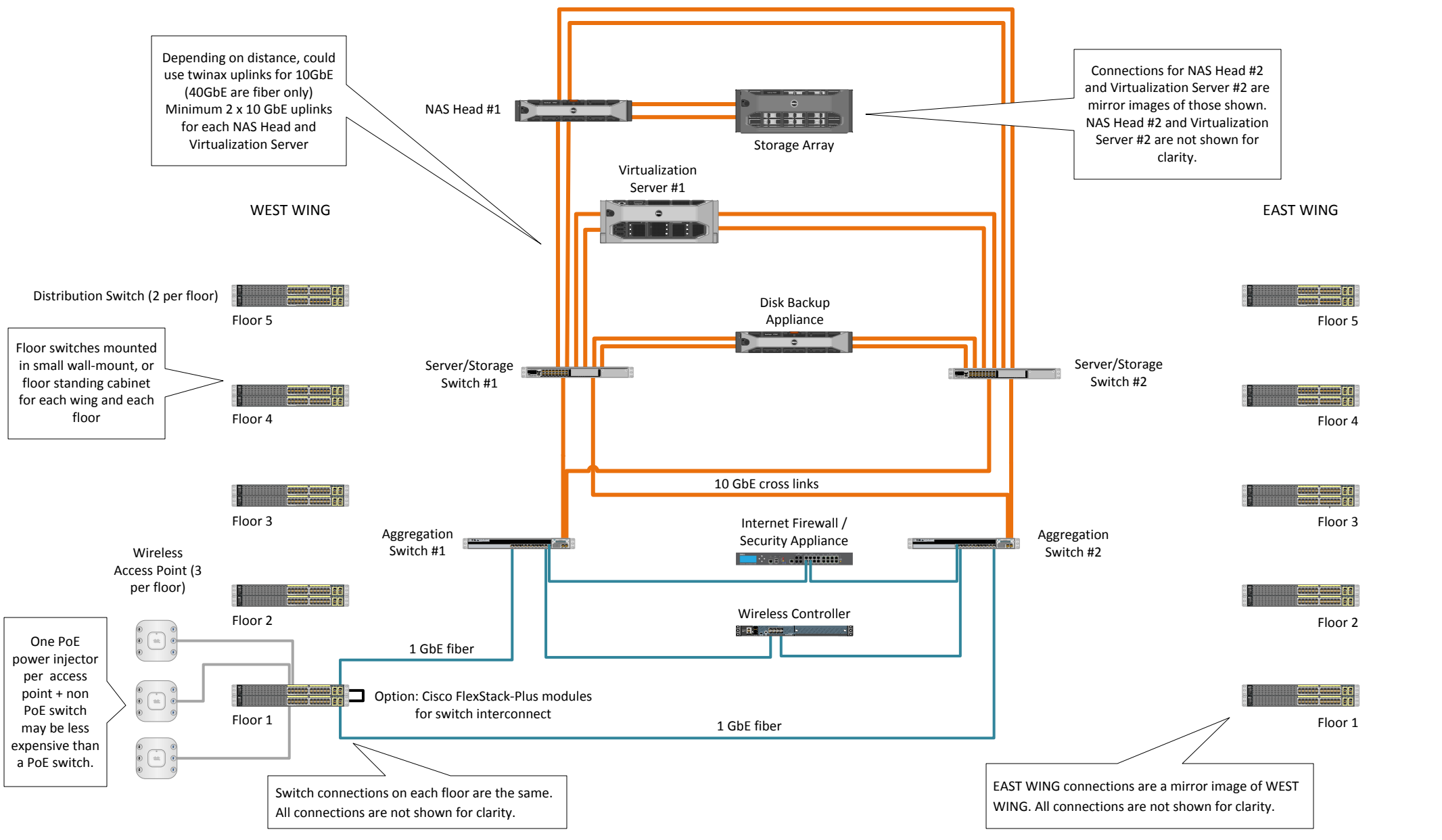
Floor switches mounted in small wall-mount, or floor standing cabinet for each wing and each floor

One PoE power injector per access point + non PoE switch may be less expensive than a PoE switch.

Wireless Access Point (3 per floor)

Switch connections on each floor are the same. All connections are not shown for clarity.

EAST WING connections are a mirror image of WEST WING. All connections are not shown for clarity.



KEY:

- 10 GbE fiber or twinax
- 1 GbE fiber
- Switch stack interconnect
- 1 GbE copper PoE



TITLE

WEST WING WIRING SCHEMATIC, HEADQUARTERS, MINISTRY OF HEALTH AND CHILD WELFARE, HARARE, ZIMBABWE

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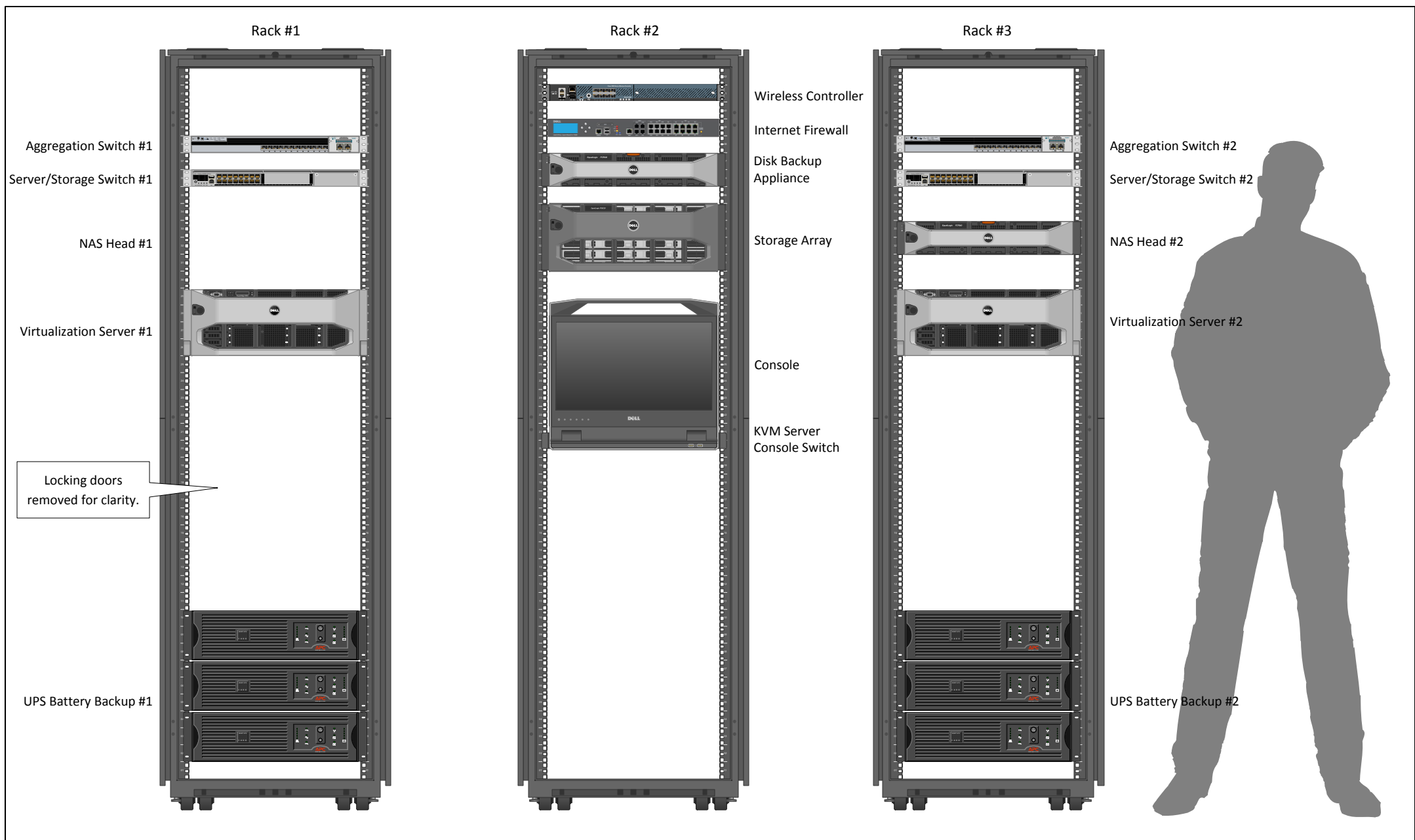
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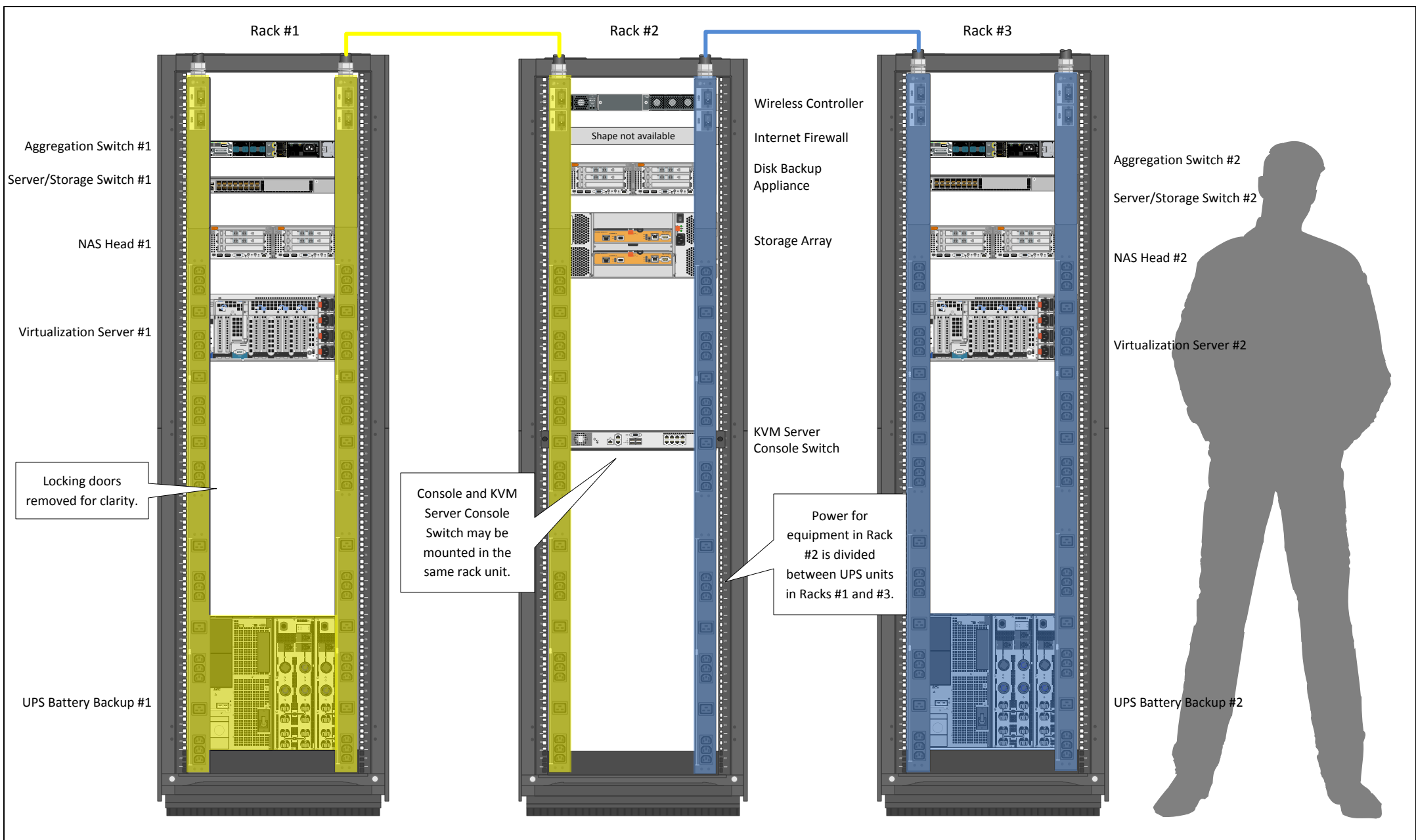
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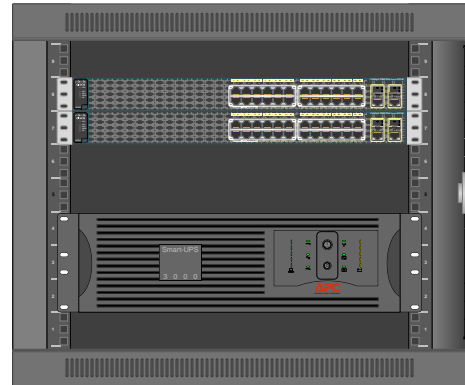
	TITLE DATA CENTRE RACKS - FRONT, HEADQUARTERS, MINISTRY OF HEALTH AND CHILD WELFARE, HARARE, ZIMBABWE		
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FRONT

Wall-mounted Rack Enclosure

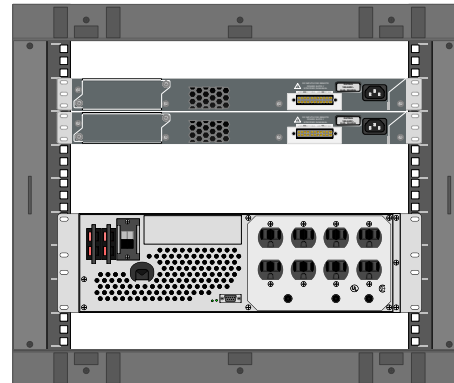


Distribution Switches (2 per floor)

UPS Battery Backup

REAR

Wall-mounted Rack Enclosure



Distribution Switches (2 per floor)

UPS Battery Backup



TITLE FLOOR DISTRIBUTION RACKS, HEADQUARTERS, MINISTRY OF HEALTH AND CHILD WELFARE, HARARE, ZIMBABWE		
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