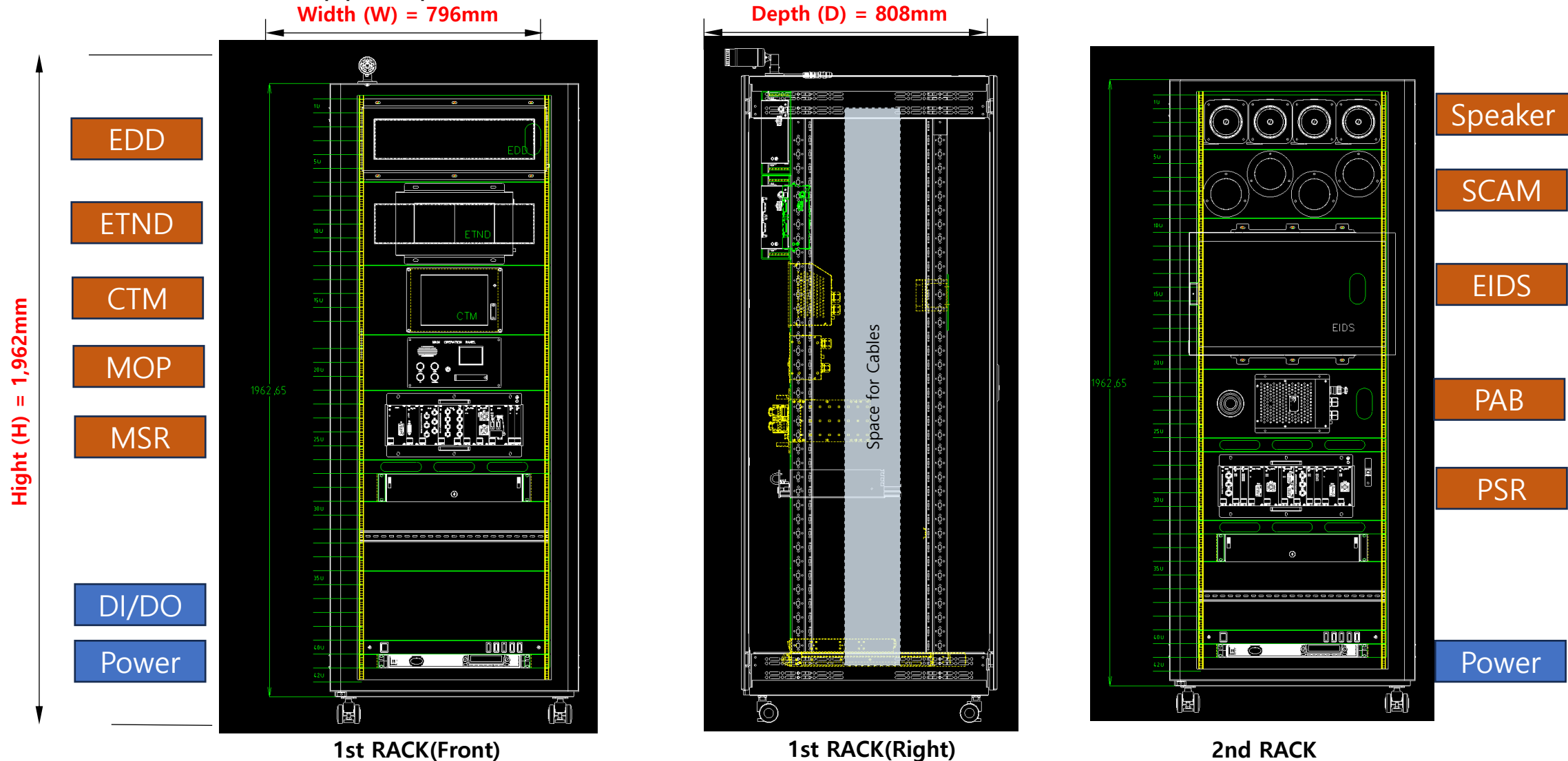


Test Equipment for PAPIS to EAL

Div.	Possible Test items (GIC)	Additional requests (MTRC)	Budget	Remarks
Full Test Equipment	<ul style="list-style-type: none"> - Simulated train running using TMS simulator. - Monitoring function for each equipment. - Update function for each equipment. 		HW - RACK 0.5 Million HKD (for 2 racks) SW - Simulation SW 1 Million HKD	
Individual Test Equipment				
1. MSR	<ul style="list-style-type: none"> - Self test function for each PCBs. (Trouble shooting for each PCB with function route) - Interface Test for external input/output. - Update for each PCB. 		HW - RACK 0.1 Million HKD SW - Simulation SW 0.6 Million HKD	Added the external input/output signal.
1. PSR	<ul style="list-style-type: none"> - Self test function for each PCBs. (Trouble shooting for each PCB with function route) - Interface Test for external input/output. - Update for each PCB. 		HW - RACK 0.1 Million HKD SW - Simulation SW 0.6 Million HKD	
1. MOP	<ul style="list-style-type: none"> - Self test function for each PCBs. (Trouble shooting for each PCB with function route) - Interface Test for external input/output. - Update for each PCB. 		HW - RACK 0.1 Million HKD SW - Simulation SW 0.6 Million HKD	

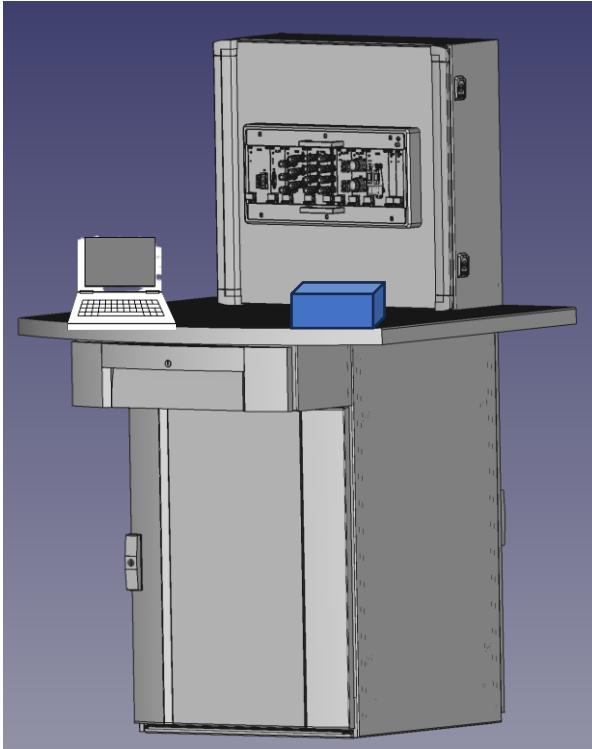
Concept of the Test Equipment.(When the equipment installed)

- Dimension (HxWxD,mm) : 1,962x796x808 (24 inch half rack, Frame = Aluminum, Pannel = Steel with Zinc plating)
- Components : 24 inch Server Rack/ pannel, DC power supply, Harness, Power supply SW
- It is possible to do the PA/PIS system integration test, using TMS simulator.
- It is possible to confirm and monitor each equipment operation.

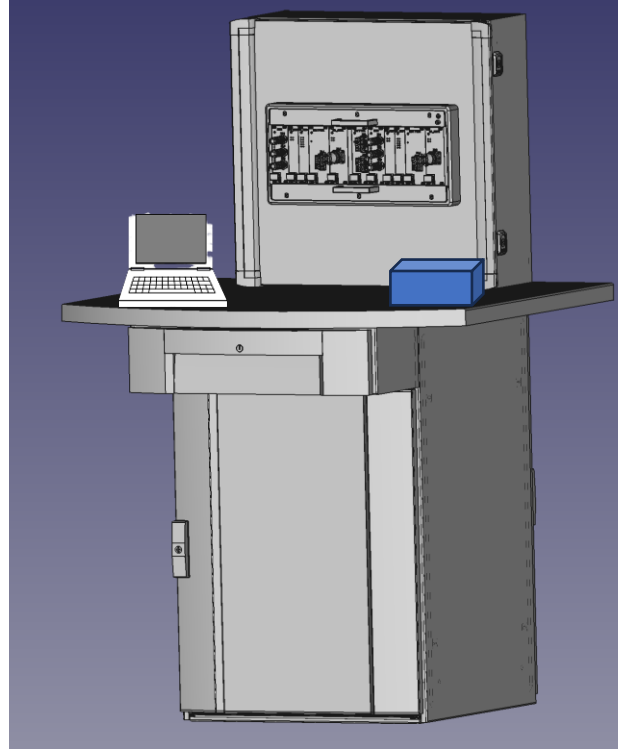


Concept of the Test Equipment. (MSR, PSR, MOP)

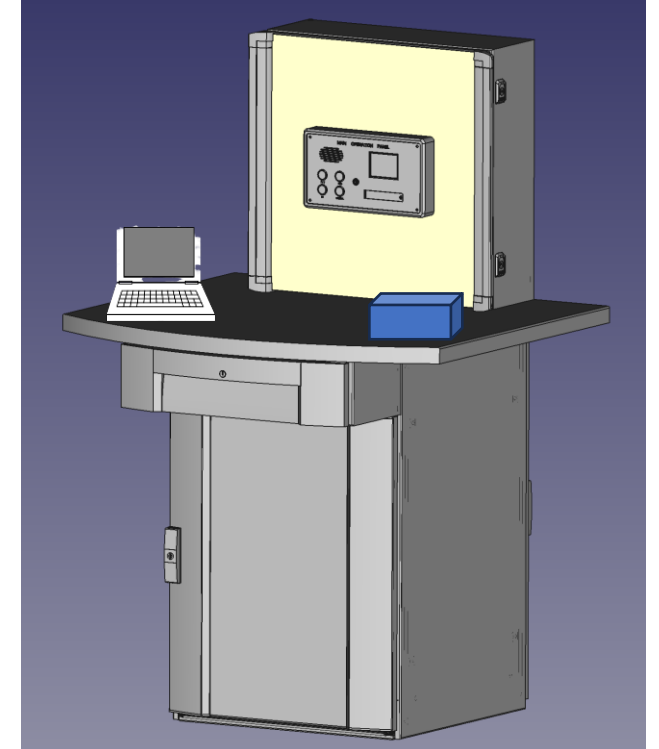
- It is using for individual equipment.
- It is possible to check the component condition, using Notebook and Maintenance tool.
- It is possible to do and report the self-test for MSR/PSR/MOP, using Maintenance SW tool.



MSR



PSR



MOP