

THIN MANAGER SYSTEM ARCHITECTURE OF WET PROCESSING FOR JODA EAST IRON ORE MINES

				APPLICATION	WET PROCESSING PLANT THIN MANAGER SYSTEM
				P.O. NO.	2100625672/961 dt. 25.03.2021
				CONSULTANT	-
				CLIENT	
NO.	REVISION	SIGN.	DATE	END USER	TATA STEEL JODA



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DRAWN BY	KESHAV	DATE	03.8.2021
CHECKED BY	SSB	REV.	00

Software and Role Installed in Virtual Machines

Active Directory Role-Active Directory Services	Thin Manger Server Role-Remote Desktop Services (Session Host) Software- Thin Manager V12.0	DWS(FT View SE Client) Role-Remote Desktop Services (Session Broker) +RDS License Server Software- FTView SE Client V12.0	HMI Server Role-FT Activation Server, FT Directory Server,HMI Server, Data Server. Software- FTView SE Server V12.0
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Allocate Resources for Virtual Machines

Active Directory	Thin Manger Server	DWS(FT View SE Client)	HMI Server
Core(Logical) 4	Core(Logical) 6	Core(Logical) 14	Core(Logical) 8
RAM 8	RAM 20	RAM 32	RAM 20
HDD (GB) 60	HDD (GB) 250	HDD (GB) 250	HDD (GB) 500

INSTALLED SOFTWARE						
VM Operating System- Windows Server2016						
Description	CATALOG NO	SERIAL NO	PRODUCT KEY	Install Location	License Location	Qty
FT View Studio(Server)+FTLink	9701-VWSS00CW10 PLH			HMI Server	HMI Server	1
Thin Manager	9541-TMF1-FTAPM			ThinManager Server	HM Server	10
FT View Studio(Development)	9701-VWSTENM			EWS	HM Server	1
Studio 5000 +FBD	9324-RLD300ENM +9324-RLDMLPM			EWS	HM Server	1

Physical Specification of Server
Virtual Machine Operating System- Windows Server2016

Specification

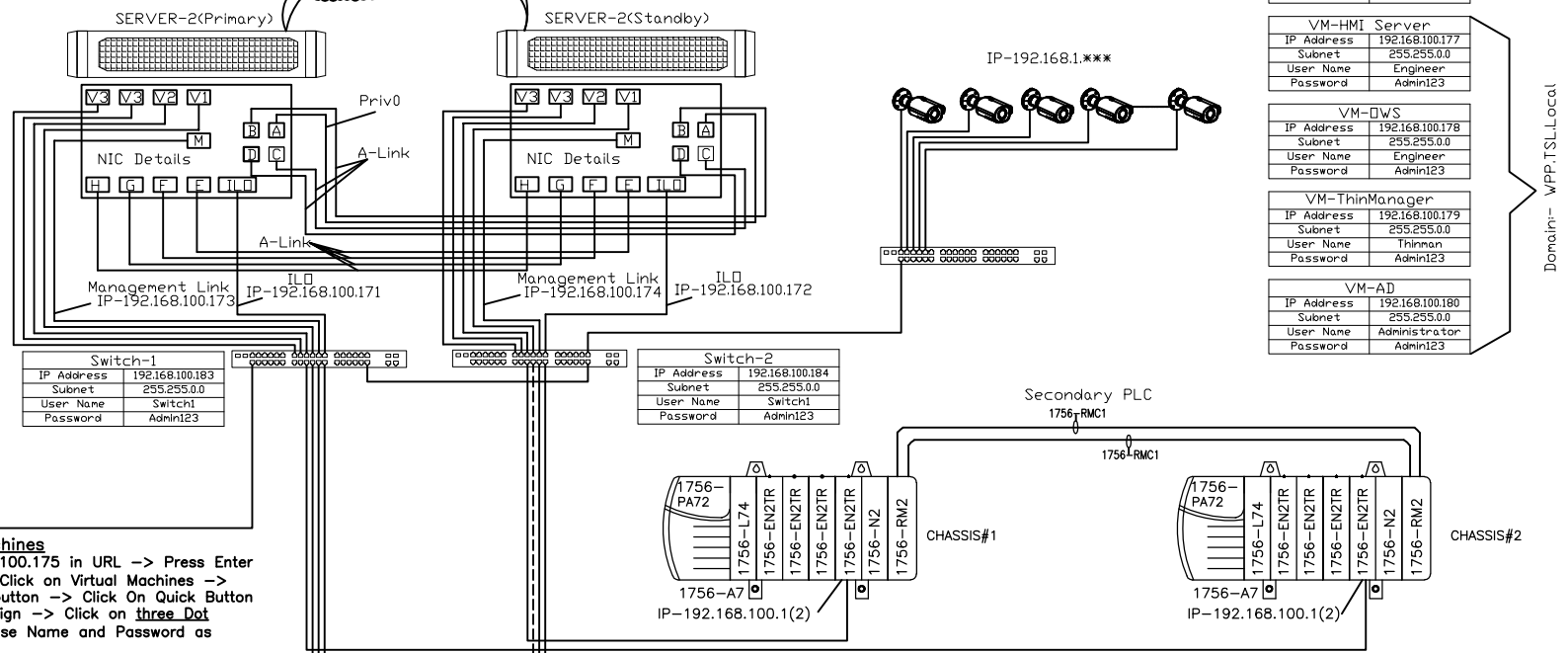
Model-HPE DL380 Gen10 Server 8 SFF
CPU- 2 x Xeon-4210, 2.2ghz, 10 Core(40 Logical Core)
Memory- 4 x 32 GB RAM-128 GB
Raid Controller- 2 GB Cache with SBU-Write Back
HDD1- 2 x 600 GB SAS HDD-RAID1 (everRun)
HDD2- 2 x 2.4 TB SAS HDD-RAID1 (VM Storage)
NIC 10Gbps- 4Nos.
NIC 1GBps- 12Nos.
Power Supply Dual Hot Plug Type

10Gbps Ports-A,B,C,D
1Gbps Ports-E,F,G,H,M,V1,V2,V3,V4

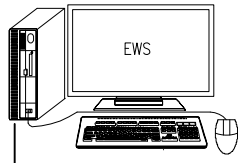
Level-1 Hypervisor- everRun

- VM-1 - Active Directory
- VM-2 - Thin Manger Server
- VM-3 - DWS (FT View SE Client)
- VM-4 - HMI Server(FTView Server)

Note: everRun is configured in Fault Tolerance Mode
PXE Boot(Not Using Standard DHCP) Configured Thin Manager Server. DHCP- IP Range:-192.168.100.185 to 192.168.100.195



Studio 5000 FT View Enterprise(Development)

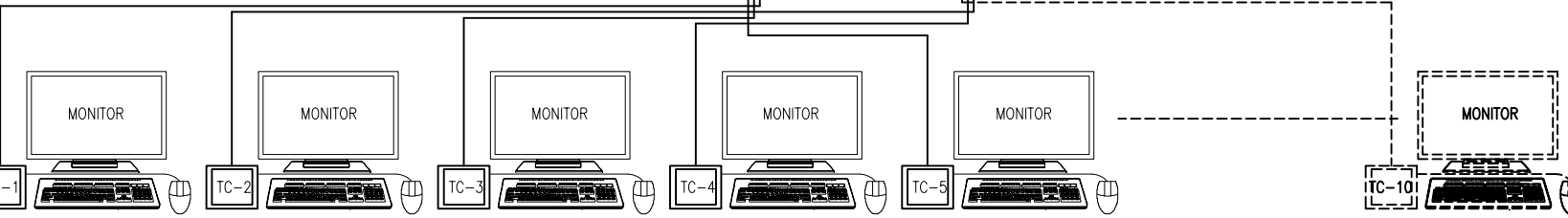


PC DETAILS

Host Name	EWS
IP Address	192.168.100.181/182
Domain	WPP.TSL.Local
User Name	Engineer
Password	admin123
ASSET ID	

How to Access Virtual Machines

Open Web Browser in EWS -> Type IP Address 192.168.100.175 in URL -> Press Enter -> Enter User Name(Admin) and Password(Admin123)-> Click on Virtual Machines -> Select The VM you want to Open -> Click on Console button -> Click on Quick Button at the Left Side Center of the Monitor -> Click on a Sign -> Click on three Dot button(This will Act as Alt+Citr+Del Button) -> Enter Use Name and Password as mentioned in VM Details at right side of this page.



Thin Client Make & Model
DELL Wyse 3040

Setting in Thin Client Device
Boot Sequence :- IP4 Realtek PCIe GBE Family Controller
Wake on LAN :- LAN with PXE Boot

How to Setup Device
Pess F2 during Boot -> Boot Sequence -> Enter Password
Fireport -> Seletct IP4 Realtek PCIe GBR Family Controller -> De Select Other Options

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				APPLICATION	WET PROCESSING PLANT THIN MANAGER SYSTEM		DRG. NO.	71-35-112/INDEX	SHEET NO.	2
				P.O. NO.	2100625672/961 dt. 25.03.2021		REF. DRG. NO.		NEXT SHT.	-
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