Simiplex ThinManager Architecture

Domain Controllers (redundant)

FactoryTalk Directory Server
FactoryTalk Services Platform
FactoryTalk Activation Server

HMI/Data Servers (redundant)
FactoryTalk View SE
FactoryTalk Alarms and Events Server
RSLinx Enterprise
FactoryTalk Live Data Interface Node

Remote Desktop Server (redundant)
Remote Desktop Services role
FactoryTalk Client Applications

FactoryTalk Historian SE Server
Historian SE Server
Asset Framework Server

Remote Desktop Services role
FactoryTalk Client Applications
ThinManager

Remote Desktop Server / ThinManager Server

FactoryTalk View Studio
RSLogix 5/500/5000
RSLinx Classic
RSLinx Enterprise

Engineering Workstations

Managed by ThinManager

Thin Clients

IP Camera
Source of Content

Managed by ThinManager

Data Source

Thin Clients

Source of Content via VNC

PanelView

WAP

aTMC
iTMC
WinTMC

Wireless Clients

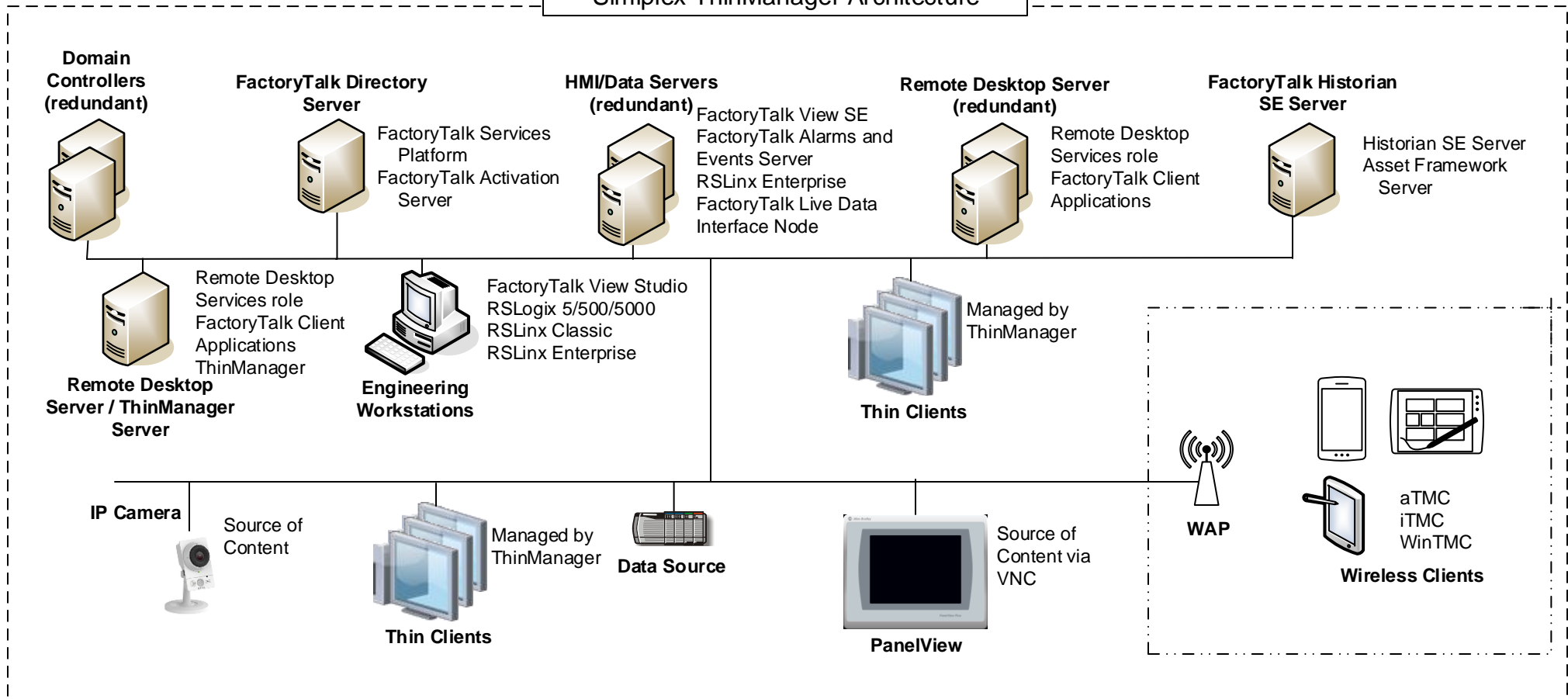**Architecture Notes:**

- ThinManager server can be co-located with the RDS servers or can be located on a dedicated machine.
- Redundancy is the replication and synchronization of the ThinManager database to a secondary server. Failover is a secondary RDS used for serving remote desktop or application sessions.
- ThinManager is installed on two machines in a redundant system.
- Remote Desktop Servers should always be instantiated in pairs so that there is always failover.
- Domain controller is optional, ThinManager can be used in a workgroup environment.
- All thin clients and wireless clients need to be accessible on the network to have content managed by ThinManager.
- Thin clients may be either ThinManager ready (having a preloaded BIOS extension) or ThinManager compatible (capable of booting to the PXE standard).