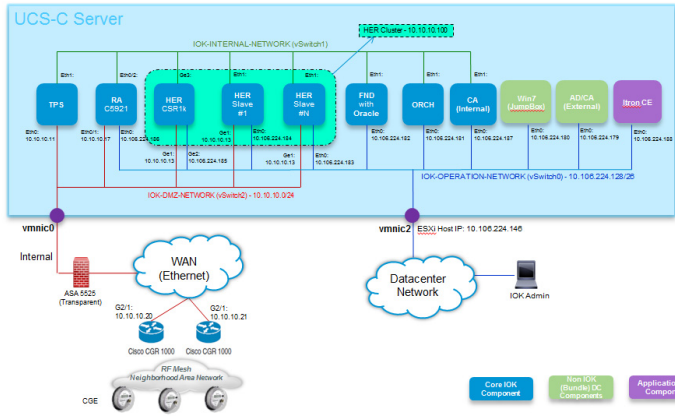




System Test Bed

The *Field Area Network (FAN) Design and Implementation Guide* defines a validated reference topology as the recommended architecture. [Figure 4-1](#) depicts the solution topology based on the FAN reference topology.

Figure 4-1 Solution Topology



[Table 4-1](#) lists the components used to create the solution topology.

- **Component**—Lists the unique identifier used to refer to the listed component.
- **Software Type**—Describes the type of code running on the component
- **Product/Model**—Lists the product name and model, if applicable
- **Software Image**—Lists the software image name, if applicable
- **Software Version**—Lists the software version that was validated during testing of the reference topology

Table 4-1 Solution Components

Component	Product/Model	Software Image	Software Version
Cisco UCS	C460 M2	Hypervisor: VMware ESXi 5.5	5.5
IOK	Cisco Industrial Operations Kit	CISCO-IOK-STD-2.0.16_build-589.zip	2.0.16_build-589

Table 4-1 Solution Components (continued)

Component	Product/Model	Software Image	Software Version
CGR	Cisco CGR1240/K9 and CGR1120/K9	cgr1000-universalk9-bundle.SPA.154-3.M2.bin	15.4(3) M2
ASA	Cisco ASA 5525-x	asa941-6-smp-k8.bin	9.4.1.6
Smart Meters	Itron OpenWay	cg-mesh-node-ITRDPKG-5.5.80-1ca0551-RELEASE-itron30.bin	5.5.80
Collection Engine	Itron OpenWay Collection Engine	V5.5	5.5
JumpBox	Microsoft Windows 7	Enterprise Edition	Windows 7 64-bit
Active Directory/External CA	Microsoft Windows Server	Data center Edition	2012 R2