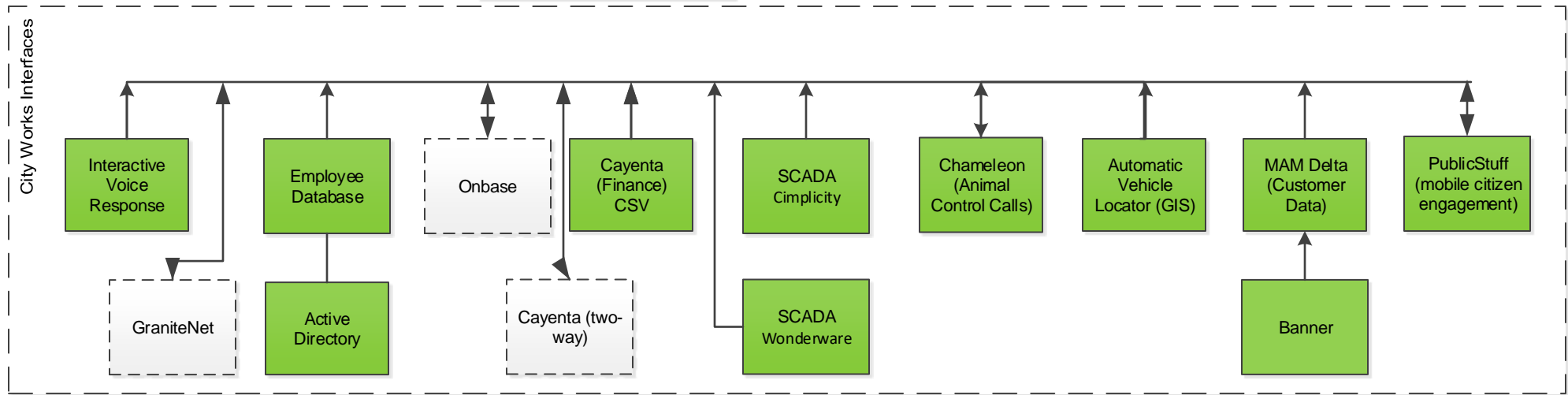
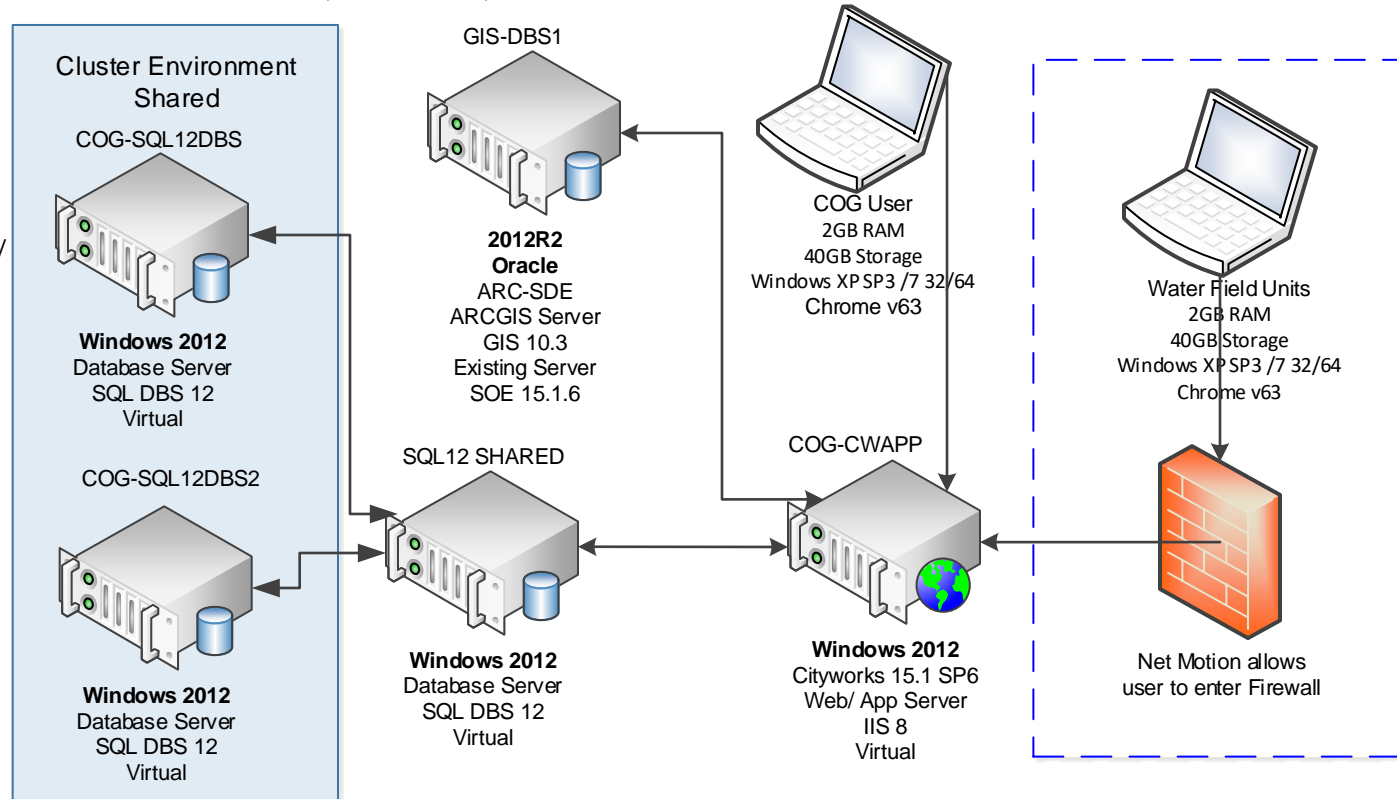


# Water Cityworks Asset Management

Architecture Overview (as of 5/31/18)

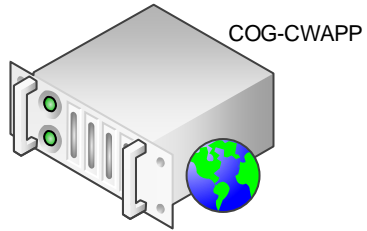
Map Server = GIS-COGMAP1  
 SOE = CityworksSOE (15.1.6)  
 Map Service = [http://gis-cogmap1.cog.coggov.local/arcgis/rest/services/CITYWORKS/WaterMapCW\\_15\\_1/MapServer](http://gis-cogmap1.cog.coggov.local/arcgis/rest/services/CITYWORKS/WaterMapCW_15_1/MapServer)  
 AVL Service = [http://gis-cogmap1.cog.coggov.local/arcgis/rest/services/Vehicle\\_Locator/Vehicle\\_Locator\\_StatePlane/MapServer](http://gis-cogmap1.cog.coggov.local/arcgis/rest/services/Vehicle_Locator/Vehicle_Locator_StatePlane/MapServer)  
 Application = <http://cog-cwapp/Cityworks/Login.aspx>



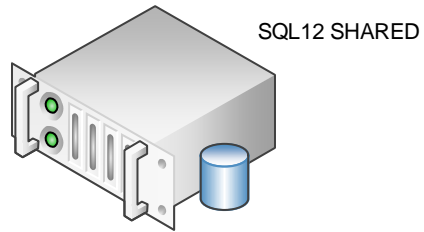
Key	Green box indicates a Existing interface to CW. White boxes are planned interfaces to CW
-----	---

Water Cityworks Asset Management  
SCADA Interface Overview

Cityworks

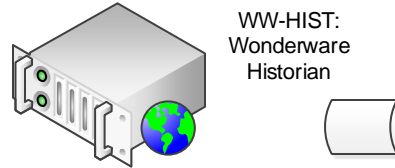


**Windows 2012**  
Cityworks  
Web/ App Server  
IIS 8  
Virtual



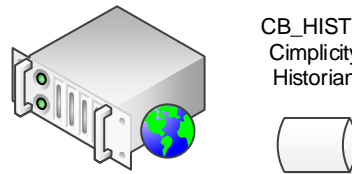
**Windows 2012**  
Database Server  
SQL DBS 12  
Virtual

WWTP SCADA

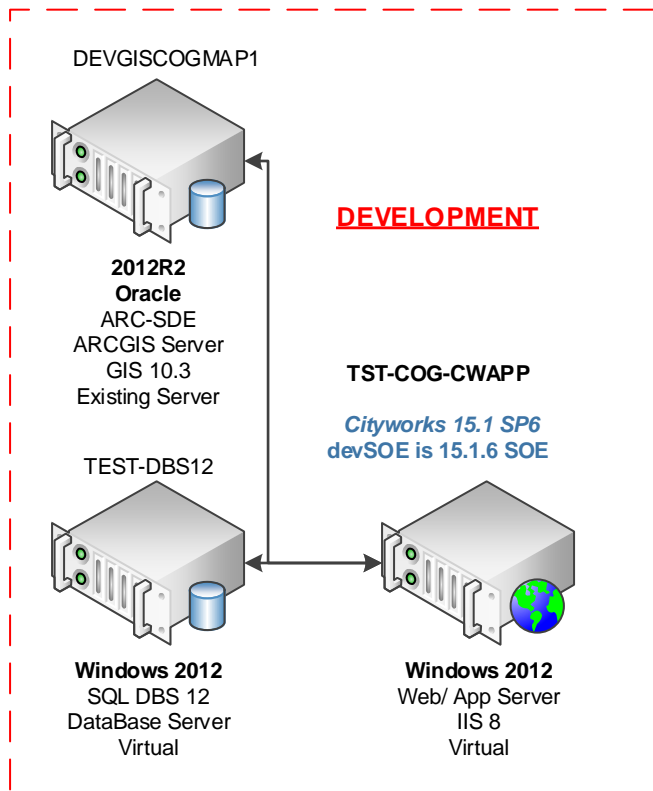


**Windows 2012**  
Wonderware 2014 SP2  
Historian Database Server v2014 R2  
IIS 8  
Virtual  
Dual Homed:  
172.20.15.23 (COG)/  
172.20.191.51 (RC)/  
192.168.127.230 (DC)

Water SCADA



**Windows 2012**  
Cimplicity  
Web/ Historian Database Server  
SQL Express 2008 R2  
Virtual  
Dual Homed:  
172.20.15.56 (COG) / 192.168.24.12 (SCADA)



**Map Server** = devGISCOGMAP1

**SOE** = DEVProduction SOE (15.1.6)

**Map Service** = [http://dev-gis-cogmap1.cog.coggov.local/arcgis/rest/services/WaterMapCW\\_Dev\\_GIS\\_Cogmap1/MapServer/exprts/CityworksSOE](http://dev-gis-cogmap1.cog.coggov.local/arcgis/rest/services/WaterMapCW_Dev_GIS_Cogmap1/MapServer/exprts/CityworksSOE)

**Application** = <http://tst-cog-cwapp/Test-Cityworks/login.aspx>

### Cityworks Scheduled Jobs

Description	Time Scheduled	Job Name	Type
SCADA Runtimes	Runs every hour to coincide with SCADA runtime table update		SQL
Employees Sync	Nightly at 10PM	job_CINP_EMPLOYEE_SYNC	SQL
Customer Sync	Daily at 2AM	job_CINP_CUSTOMERS_SYNC	SQL
Cayenta to Cityworks	Daily at 2:30AM to update Equip, Materials, and Projects	job_Cayenta_to_Cityworks	SQL
Report for Finance and Water (.csv and word)	Daily at 5AM		Email/Windows Task
Chameleon			
ROW Email Trigger	As created		
Non-Water Department emails			
COG-CWAPP (Cityworks app server) Reboot	Every Thursday at 1:25AM	-	Windows Task
GIS-COGMAP1 (Cityworks map) Reboot	Every other Monday at 2AM		
GIS-COGMAP1 (Cityworks map) Rebuild address locator	Every Saturday at 2AM		
GIS-DBS1 rebbot	Every Sunday at 3:30AM		