**Virtual Location**
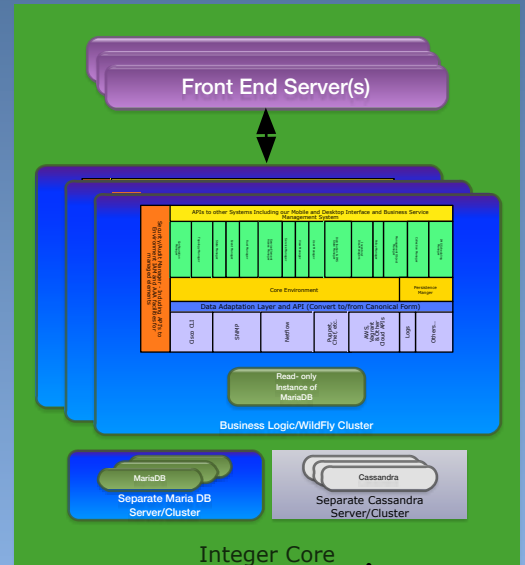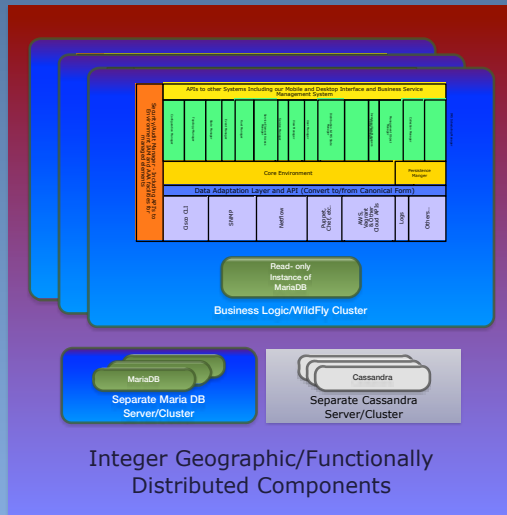
Integer Configured as a Remote Discovery System

Public Internet

**Central Data Center - Core System and Discovery**

APIs to other Systems Including our Mobile and Desktop Interface and Business Service Management System

Core Environment

Persistence Manager

Data Adaptation Layer and API (Convert to/from Canonical Form)

Cisco CLI | SNMP | NetFlow | Puppet, Chef, etc. | AWS, Vmware & Other Cloud APIs | Logs | Others

Read-only Instance of MariaDB

Business Logic/WildFly Cluster

MariaDB
Separate Maria DB Server/Cluster

Cassandra
Separate Cassandra Server/Cluster

Integer Geographic/Functionally Distributed Components

Front End Server(s)

APIs to other Systems Including our Mobile and Desktop Interface and Business Service Management System

Core Environment

Persistence Manager

Data Adaptation Layer and API (Convert to/from Canonical Form)

Cisco CLI | SNMP | NetFlow | Puppet, Chef, etc. | AWS, Vmware & Other Cloud APIs | Logs | Others

Read-only Instance of MariaDB

Business Logic/WildFly Cluster

MariaDB
Separate Maria DB Server/Cluster

Cassandra
Separate Cassandra Server/Cluster

Integer Core

**School/Department Location #1**

Integer Configured as a Remote Discovery System

Public Internet