



Agilent Technologies

Smart Alerts A.01.01

Site Preparation Guide

Preface

© Agilent Technologies, Inc. 2017

Revision

August 2017

About this guide

Use this guide to prepare the site for Agilent Technologies Smart Alerts



Table of Contents

Preface.....	2
Purpose of this Document.....	4
Overview	5
Agilent Technologies Smart Alerts PC and Software	5
Site Requirements.....	6
Network Port Usage.....	7
Network Topology Types	8
All in One Network	8
Segmented Network	8
Isolated Network	9
Stand Alone Configuration.....	10
Standalone ChemStation with Agilent Intuvo.....	10
Customer Provides Smart Alerts PC Installation and Configuration.....	11



Purpose of this Document

The purpose of this document is to describe various Agilent Technology Smart Alerts configurations, discuss workflow, and inform you of your responsibilities.



Overview

The Agilent Technologies Smart Alerts is a software tool designed to help users manage both the Preventive Maintenance (PM) needs on an instrument and the consumable replacements necessary to keep an instrument running in top condition. Users can log into the software to monitor the status of the PM requirements and consumables usage or if the Smart Alerts PC has access to an email server, users can get email notification on the status of these items.

It is recommended to install the Smart Alerts software on a dedicated PC and not install Smart Alerts on PCs controlling Analytical instruments or performing other important tasks.

Smart Alerts can be configured to utilize a Schedule based approach, usage based approach, or both to help determine when maintenance should be performed and consumables replaced.

Agilent Technologies Smart Alerts PC and Software

Agilent encourages the use of a dedicated PC for the Smart Alerts software.

The Smart Alerts software is a no cost user installable application. The software can be ordered by your local Agilent Representative and delivered to your location.



Site Requirements

Agilent Smart Alerts software can successfully be installed on a variety of PC combinations.

A list of requirements is provided in Table 1 to ensure a successful implementation of the Agilent technologies Smart Alerts software.

Table 1: Requirements

CPU	3.4 GHz or greater
Disk Drive	5 GB or greater free space
Optical Drive	DVD+/-RW
Supported English Operating Systems	Windows 7 32 and 64 Bit Windows 10 Pro/Enterprise
Virus scanning software	Installed according to site policy
Supported Browsers	Windows 7 + Internet Explorer Version 11 Windows 7 + Firefox Windows 7 + Chrome Windows 10 + Internet Explorer Version 11 Windows 10+ Firefox Windows 10+ Chrome Windows 10+ Microsoft Edge
Smart Alerts PC Location	A semi secure location is desired for the Smart Alert PC to avoid accidental or unintentional interruption to the PC.
Smart Alerts PC Software Firewall	Firewall software is not required or recommended. Firewall software installation and configuration is your responsibility.
Administrator Privileges	Local Administrator logon privileges are required for the installation of the Smart Alerts software.



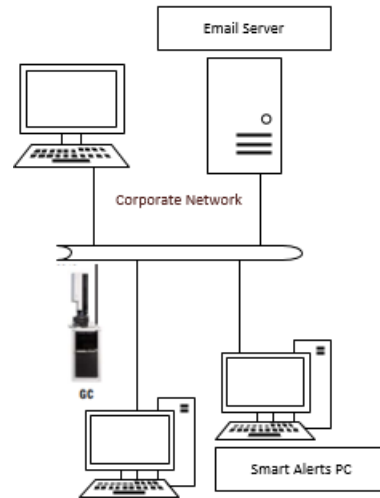
Network Port Usage

Smart Alerts PC ports	
<u>Source Port</u>	<u>Process Owner or Action</u>
Source port = 8080	Agilent Gateway Service receives monitoring data
Source port = 27017	Mongo Database Service
Source port = 1337	Node JS Web Server
Source port = 2959	Agilent Lab Manager Web Service
Source port = 55555-55564	Any 3 Available for Network Helper Service

Network Topology Types

All in One Network

Networked laboratory devices are connected to the corporate network. There is no segmentation or isolation between laboratory and corporate networked devices. The laboratory network has access to the email server.

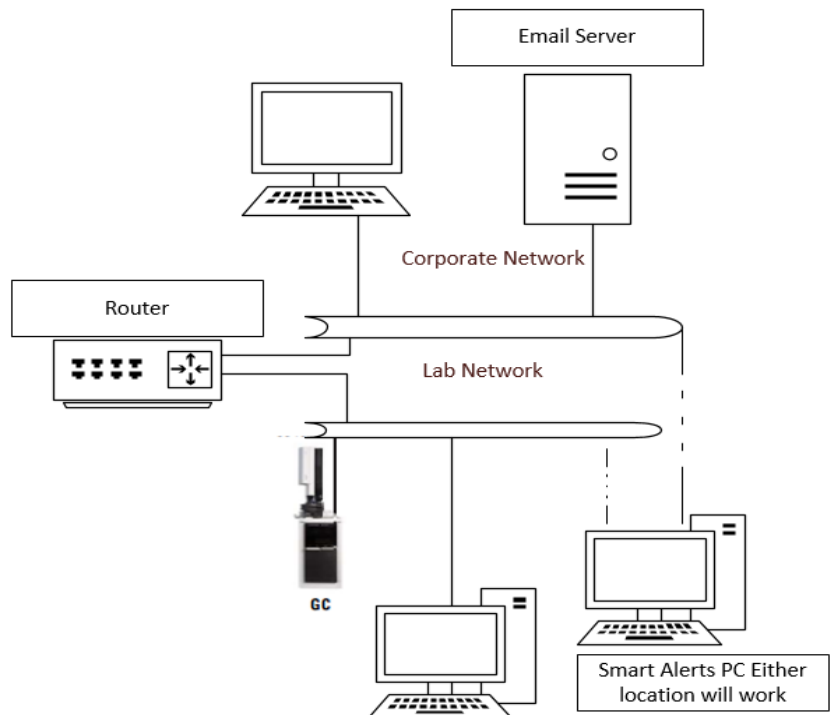


Segmented Network

Networked laboratory devices are connected to a separate subnet or VLAN. The laboratory network is isolated by a router and may or may not have Corporate Network access.

The Smart Alerts PC can be installed on either the laboratory or corporate subnet depending if the Smart Alerts PC has access to the email server.

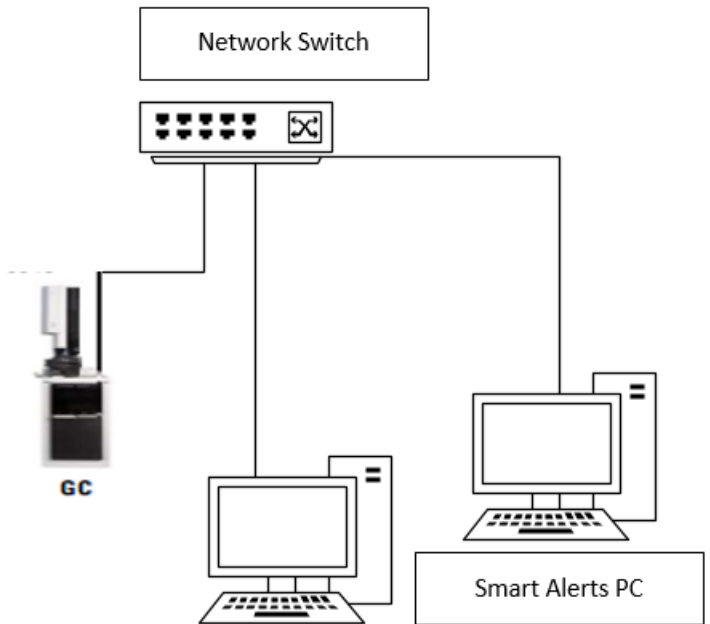
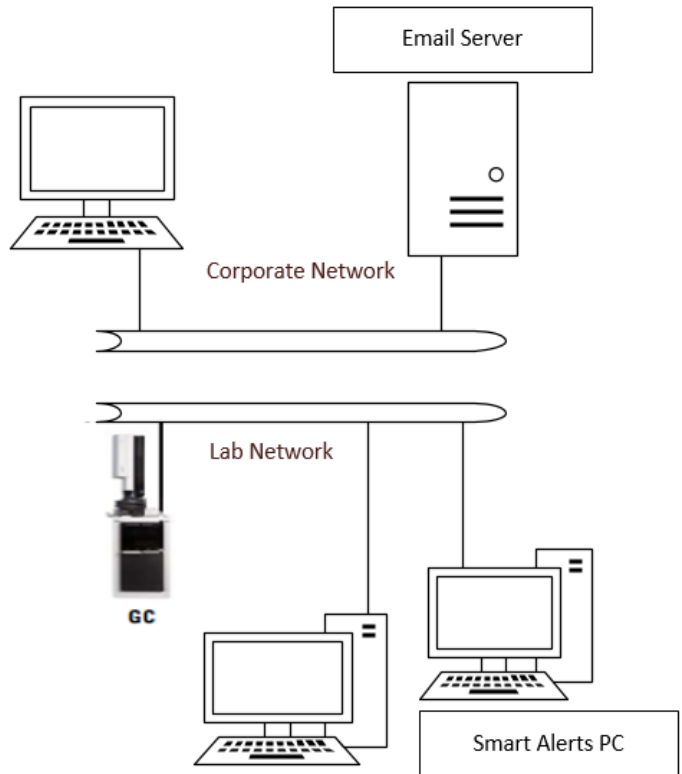
Check with the Information Technology (I.T.) Department for the best location to install the Smart Alerts PC.



Isolated Network

Networked laboratory devices are connected to a separate network that has no connection to the corporate network and possibly no connection to an Email Server.

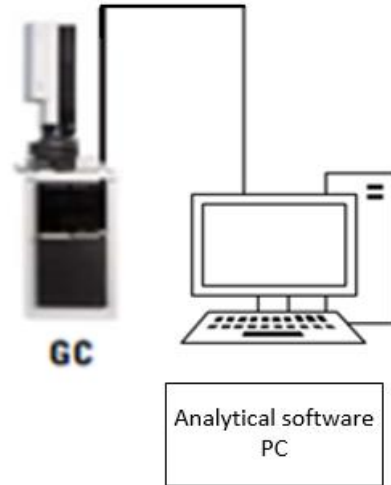
In environments where there is no access to email servers, the Smart Alerts PC can be installed so it can communicate to the systems but will not be able to send Alerts via email.



Stand Alone Configuration

Standalone ChemStation with Agilent Intuvo

A standalone Analytical Software PC connects to an instrument with a crossover LAN cable. The standalone system is independent from all other computer system and is not connected to a LAN. This is an Unsupported configuration. We do not recommend installing Smart Alerts on the Analytical software PC.





Customer Provides Smart Alerts PC Installation and Configuration

Your responsibilities, for a Customer Provided Smart Alerts PC, are as follows:

1. Install your corporate image which includes a supported Windows English version operating system, Windows browser, and the required software for the Smart Alerts PC to conform to your corporate security policy.
2. Install the Smart Alerts PC on the network and verify that it can ping the Agilent Intuvo GC and connect to the email server.
3. Install and configure the Smart Alerts software.

