



White Paper 21-2010 CommPC Suite

Abstract

This document describes **CommPC Suites**, a set of several software programs that includes:

- A front end communication processor that deals with data downloads received from Guardus wands and several other devices.
- All software needed to send a new program, guard tour schedules, checkpoint descriptions, details and settings to wands and devices that are remote, far away from the central station.
- A SDK (Software Development Kit) that allows Contronics partners to design and deploy their own software application that interacts with all Guardus and Contronics hardware products.

CommPC Suites is commonly used integrated with PROGuard to allow it to receive downloads from distant Guardus wands through Collector GPRS, RemoteBook, Remote-iNET, Remote Modem, Rhino Download and other Contronics products.

History

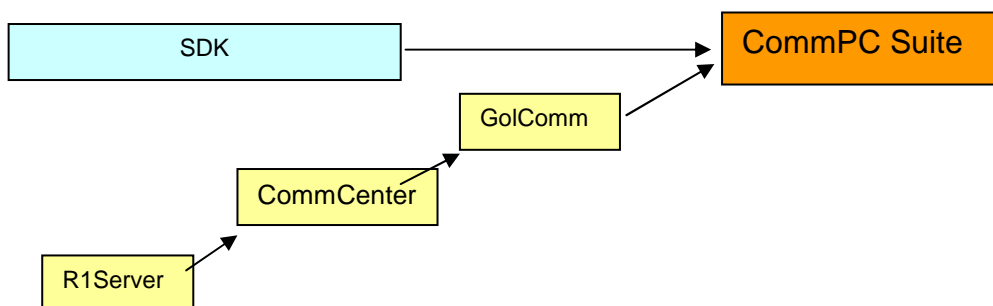
CommPC Suites is the newest link in the evolution chain started with R1Server. In the 1990s Contronics presented Remote Serial and Remote Modem - download devices that allow tour results and data kept in the wand to be transmitted to the central station, where there is a PC running PROGuard. R1Server used to be the software running in the central station PC responsible for receiving data sent remotely and conveying to PROGuard, even if PROGuard was not running.

Later on, R1Server needed to be improved and incorporate new functionalities, since Contronics had introduced Remote iNET and Rhino Download. The new and improved version of R1Server was named CommCenter, because it ran in the central station PC as a background services

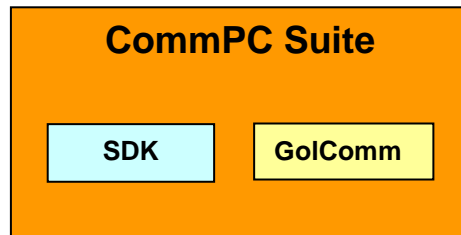
Even later, when Contronics was developing the first version of Guard On-Line (GOL), CommCenter needed to be redesigned from scratch because the specification of such software module were much more tough and demanding. The software that replaced CommCenter was called GolComm. GolComm continued to offering all functionality previously included in CommCenter and much more.

Now in 2010 new challenges are driving Contronics to put even more effort in GolComm. Recently Contronics Technologies and Digital Security Concepts agreed about a Memorandum of Understandings that paves the road that is going to take booth companies to merge their operations. As a direct result, products and services offered by both companies will be significantly improved. One of the first steps in such direction is to integrate GolComm and Contronics' Software Development Kit (SDK) in a unique product, which will be named **Comm PC Suite**.

Contronics' Software Development Kit (SDK) is a collection of software routines and tools that allows several of our business partners to develop their own application software that interacts directly with Guardus product line (Guardus wands, remote devices, downloader, Collector, etc). Now Comm PC Suite will allow them to design even greater application software because it brings GolComm functionality to the SDK (and much more).



CommPC Suite features



CommPC Suites encompasses Contronics' SDK and GolComm

CommPC Suite fully supports Guardus V8 line, which currently includes Guardus G3-V8, Guardus G3-V8-L and Guardus G7-V8. (GolComm neither SDK supported them).

Current CommPC Suite V1.3 and the future V1.4 do not support Remote Modem. This will be put together in the middle run. In case you need to use Remote Modem now, do not use CommPC Suite but use CommCenter instead.

CommPC Suite will be deployed in two distinct options:

1. **CommPC Suite for PROGuard:** It comes with a Windows installer program. First install PROGuard in your computer. Then run the **Comm PC Suite for PROGuard** installer program, configure few specific parameters and PROGuard will be ready to communicate remotely with all Guardus wands and devices.
2. **CommPC Suite for Developers:** It comes with documents and examples that help developers to easily design their own application software.

Beyond these two options, there is still a third one, named CommPC Suite DataCenter, which integrates with hardware manufactured by thirty party suppliers. The use of DataCenter version depends of individual and commercial agreements.

Note of obsolescence

From March 2010 on Contronics is not supporting GolComm neither SDK. All Contronics' customers and partners are encouraged to update to CommPC Suite.

Ver	Data	Description	Author
0	March 28th 2010	Original version	GCT
1	March 29th 2010	Revised	MN