# ALLIED COMMUNICATOR

## Active-X Communicator Object

The Allied Active X Communicator object (**ALLIED Communicator**) is Allied Electronics' latest offering in state-of-the-art automation products. ALLIED_AXC is a Microsoft COM object that seamlessly communicates with the SSC and NeXGen hardware.

**ALLIED Communicator** is the centerpiece of the new ALLIED software development kit (SDK). With the SDK, you can be up and communicating with your new hardware minutes after it comes out of the box. The SDK also comes with a fully-featured diagnostic application, a demonstration program with source code, and PDF based documentation.

**ALLIED Communicator** adds value by providing management and utility functions such as command tracing, remote file services, port monitoring, firmware download and reset, as well as network and communications functions like Ping, device searching, and communications port control.

The communications code has been designed and optimized to match its counter-part in the Allied hardware. Experience has shown that the Allied solution is unmatched in robustness. That same spirit is embodied in the **ALLIED Communicator**.
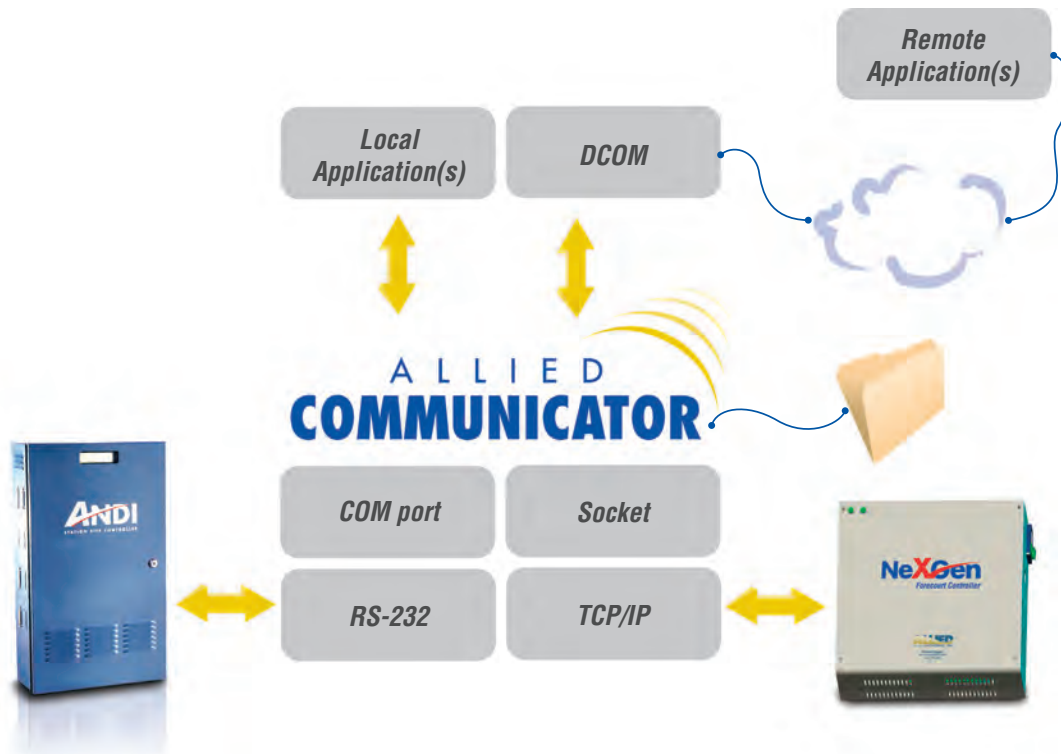
Support and training for the **ALLIED Communicator** object and the other components of the SDK are available to ensure that your implementation is rock solid. Contact Allied Electronics for details.

### FEATURES

- Easy to use Software Development Kit provides code examples and documentation
- SDK and tools greatly reduces development time
- Provides mechanism for users to build custom applications to the Allied line of interfaces
- Removes need to support low level protocol
- Allows for a single point of integration for both Allied ANDI and NeXGen products

*ANDI*

*POS*

*NeXGen*

*Home Office Application*

*Database Application*

- Platform independence, utilizes Component Object Modeling (COM)
- Diagnostics application provides easy to use functions such as:
  - *Command tracing*
  - *Port monitoring*
  - *Firmware downloading*
  - *Remote Warm & Cold Start functions*
  - *Network functions such as Ping, device searching and communications port control*
- Efficient event-driven model used for message handling
- Unlimited support for integration staff
- Developer integration training available and scheduled on request

## ALLIED ELECTRONICS, INC.

By encapsulating the low-level ALLIED message protocol and device specific communications functionality in the **ALLIED Communicator** object, developers can focus their effort on the application software. Using ALLIED Communicator significantly reduces development time which equates to quicker project completion and a smaller coding task. For customers considering an upgrade from SSC based hardware to NeXGen, the **ALLIED Communicator** is the perfect solution; just plug it into your existing application. As it communicates with both devices, your upgrade path is much smoother.

**ALLIED Communicator** can be installed on any Personal Computer capable of running the Windows Operating System. Clients can run their applications on that PC or remotely access the **ALLIED Communicator** using DCOM (for Windows based platforms) or using one of the COM object integration software products for UNIX based platforms. Applications can be developed in virtually any language and development environment. With the ALLIED_AXC, you can rest assured that

you have a solid investment in intellectual property.

**ALLIED Communicator** is built on an event-driven model. Outgoing messages are placed into a queue and sent to the Allied device asynchronously. The client application is then released to continue processing. When a response is received, the message is placed in a queue and the sender is notified with an event that it is ready for retrieval. This architectural model helps make your application responsive and efficient.

In addition to the efficiency of the event-driven model, the communications code has been designed and optimized to match its counter-part in the Allied hardware.

**Allied Communicator** allows for easy integration and customization which can greatly improve development timelines. These features will assist in bringing the "first-to-market" advantage to your product.

*For more information please contact Allied Electronics.*

### Contact Allied

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