

### What is NetLink?

NetLink is an Android-based communications client application that enables discovery of and access to data on a variety of remote server devices. Using NetLink, technicians and maintenance personnel have the ability to conveniently interact with building automation systems and factory controls from on-site or around the globe via any Android smartphone or tablet.

Individual network drivers are installed as plugins to the NetLink application, thereby allowing expandable access to a variety of popular networking protocols, such as Modbus and BACnet. This commonality provides a uniform interface, configuration and application experience, thereby reducing the user's learning curve and commissioning time.

NetLink is a free download and comes packaged with a demo mode plugin that generates random data values for evaluation purposes.

#### FEATURES

- Runs on Android smartphones and tablets
- Multiprotocol support via independently-installed plugins
- Select desired protocol and configure data access definitions
- Add data access definitions from discovered network objects
- Monitor and command data values individually or as groups
- Import and export configuration settings
- Data visualization via three types of user-configurable graphs (bar graph, line graph and step graph)
- Allows a variety of data item list sorting options
- Supports configuration of an unlimited number of data items
- Real-time visual connection status feedback for all objects
- Free download, includes demo mode plugin



<http://play.google.com/store/apps/details?id=com.iccdesigns.netlink>



# automation network access **in the palm of your hand**



networking applications  
for Android platforms

# NetLink



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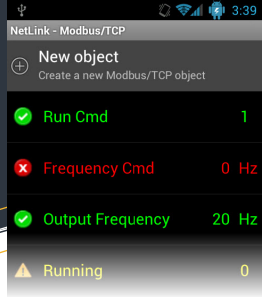
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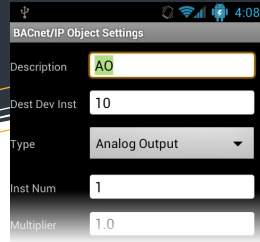
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# handheld solutions that work as hard as you do

TURN ANY ANDROID PHONE OR TABLET INTO A PORTABLE HMI

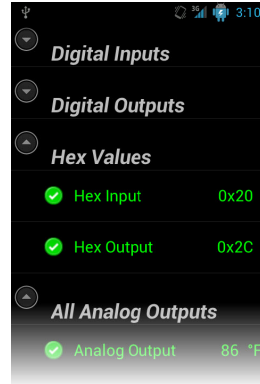


The number of data items (registers, objects, etc.) is limited only by device memory

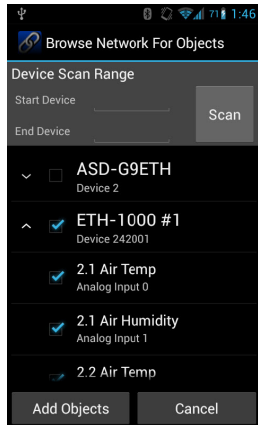


Each plugin contains its own protocol-specific configuration elements

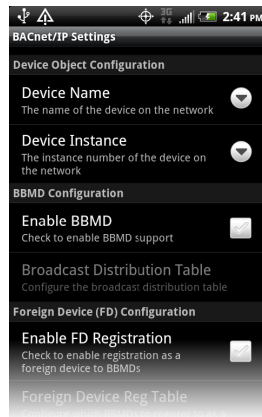
Easy-to-understand object groups enable maximum efficiency with minimal effort



Flexible graphing capabilities allow multiple data items to be grouped and viewed in natural data type-specific formats

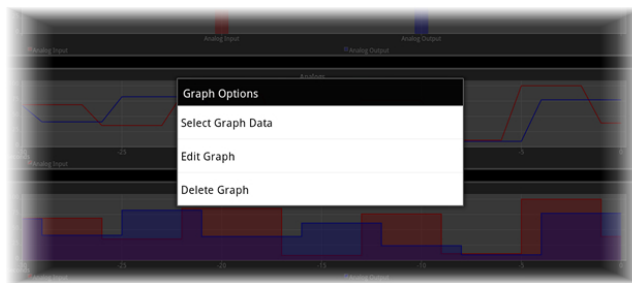


Powerful device and object discovery capabilities provide 1-click network visualization



Advanced plugin capabilities, such as BACnet BBMD and foreign device support, ensure compatibility with complex system architectures

Create multiple graphs, add multiple data items to each graph, and interact with graph data in a consistent manner, independent of the currently-active plugin



## Also Available...



### NetLink BACnet/IP Client Plugin

- Discover and access BACnet server devices over local networks or the internet, via the cellular network or any on-board Wi-Fi or wired Ethernet interface
- Supports access to analog input/output/value, binary input/output/value, and multi-state input/output/value objects
- Supports BBMD and foreign device registration functionality for accessing BACnet devices across subnet boundaries and throughout the internet
- Provides a variety of configurable properties such as device name and instance, scan rate, timeout, scaling, units, radix and write priorities.



### NetLink Modbus/TCP Client Plugin

- Discover and access Modbus server devices over local networks or the internet, via the cellular network or any on-board Wi-Fi or wired Ethernet interface
- Supports access to holding register, input register, coil and discrete input elements
- Supports Modbus/TCP and Modbus RTU over TCP
- Provides a variety of configurable properties such as destination port and hostname, scan rate, timeout, scaling, units, radix, data type and 16/32-bit accesses.



### OEM & Licensing Opportunities

- Open access to plugin services independent of the NetLink application via standard Android APIs
- High-volume and OEM licensing options available
- Ability to embed any of the NetLink and plugin screens as components of 3<sup>rd</sup>-party Android applications



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