

Barber Colman™ GCM™ Driver

Product Overview

The Barber Colman™ GCM™ driver, from CSI³, is the first available driver on the market for Niagara AX that allows users to integrate legacy Network 8000™ systems.

Features such as ease of use, through built-in discovery, and web enablement of legacy systems makes this driver a perfect fit to bring your system into the 21st Century.

Built on the Niagara AX Framework™

Niagara AX is a software framework and development environment that solves the challenges associated with building Internet-enabled products, device-to-enterprise applications and distributed Internet-enabled automation systems. The Niagara product line, originally introduced in 1999, is deployed in over 60,000 products operating in over 6,000+ sites worldwide. Niagara^{AX} takes the concept of normalizing the data and behavior of diverse devices, regardless of manufacturer or communication protocol, to enable the implementation of seamless, Internet-connected, web-based systems to the next level.

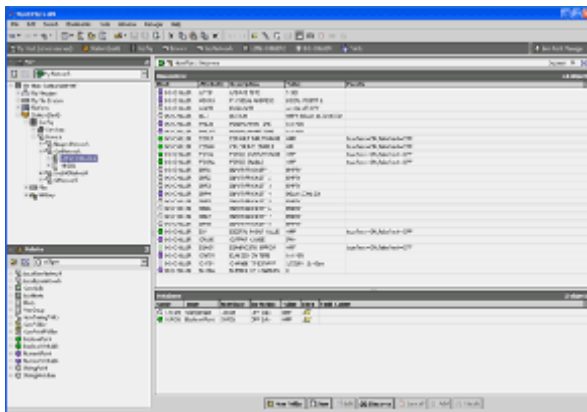
Opening up Protocols

Protocols such as BACnet®, Lonworks® and Modbus® allow customers to have a level of flexibility to choosing controllers from different manufacturers. But to be truly open and you need to be able to select among devices supporting any protocol. Using the capabilities of Niagara^{AX}, along with CSI³'s toolsets and drivers, give you the ability to truly select best of breed solutions for your needs. Many times a customer needs to integrate a legacy control system into the Niagara^{AX} framework. These legacy systems often do not support the newer protocols such as BACnet and LonWorks. This requires developers to write a driver to communicate with each system.

Using this driver, versus replacing all legacy systems and then installing a new set of hardware and software is a huge money saver

Ease of Use - Built-in Network Discovery

As with all state-of-the-art driver development on the Niagara^{AX} Framework™ goes, CSI³'s drivers have ease of use features such as built-in Network Discovery, along with device and object discovery once connected. This ease of use feature saves a tremendous amount of engineering hours on jobs where time is of the essence.



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Supported Devices	GCM™-84xxx-x-x-x	Open Serial Port Required	
	GCM™-86xxx-x-x-x		
Supported GCM™ Data Types		Read	Write
	All types	X	X

Communication speed varies based on several factors, including but not limited to: GCM™ programming, baud rate, point count, trending, alarming, and graphics. In general, typical performance polls *one point every 3 – 5 seconds*.

Sample Network System Architecture

