

# APPLICATION NOTES



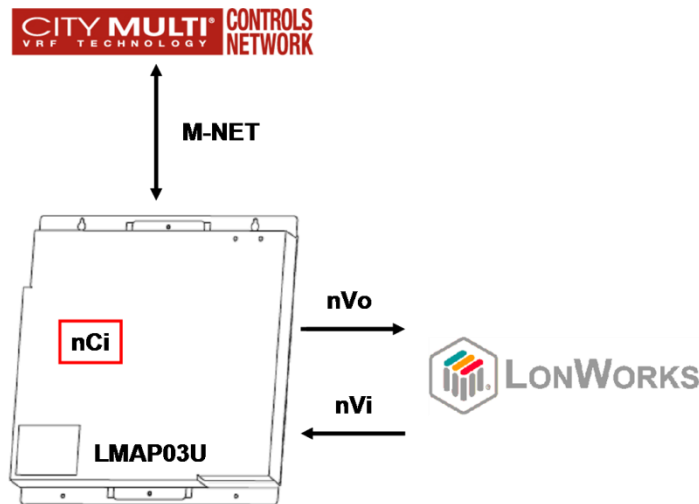
## **Application Note 3014: Explanation of LonWorks® Points**

nVo – network variable output. These are status points **coming out of the LMAP** and used to determine the state of the CITY MULTI® System. The integrator will monitor these output points and use them for programming and displays in the BAS.

nVi – network variable input. These are command points **going to the LMAP** and used to set the unit in the desired state. The integrator will write to these points and command the unit to the appropriate settings at the appropriate times based on the schedule and operating conditions.

nCi – network configuration properties. These are **setup inside the LMAP** to control how the points are managed in the LonWorks® system. The integrator will write to these input points.

Figure 1 shows the interaction between equipment and controls systems.



**Figure 1.** Diagram Showing Interaction of Equipment and Controls Systems

Full list of Points can be found here:

**LMAP03U Network Variable Specification** (*03\_NVspec\_ver304e\_ul.pdf*)

-SNVT Table on pages 10 – 13

-XIF file on the CMCN controls CD or [www.mylinkdrive.com](http://www.mylinkdrive.com)

**Examples:**

nVo – View Room Temperature, ON/OFF status, Alarm Status

nVi – Command unit ON/OFF, Change Set-Point, Change Mode

nCi – Configure the number of seconds the LMAP will wait to start sending and receiving data after a power up.