

## NCM Software Options

The following tables indicate which Metasys® hardware devices can be used with the currently available NCM software options. Table 1 shows the software options used in the NCM200 and NCM300 Series controllers. Table 2 shows the software used in the NCM101/102/401 controllers; these are no longer available. Please review the *Notes* at the end of this bulletin for special conditions and restrictions on the use of some controllers.

**Table 1: Software Options for NCM200/NCM300 Series Controllers**

NCM Type	STD	Fire	Security	S2	JC85 Gate	OP Term	Net Port	General w/NT	General w/OT
<b>Base Hardware</b>									
NCM200/NIM1xx	✓	✓	✓			✓		✓	✓
NCM200/NIM2xx	✓	✓	✓	✓	✓	✓	✓	✓	✓
NCM300/311/350/361	✓	✓	✓	✓	✓	✓	✓ <sup>8</sup>	✓ <sup>8</sup>	✓ <sup>8</sup>
<b>Devices Supported</b>									
N2OPEN <sup>2</sup>	✓	✓	✓			✓	✓	✓	✓
VMA1400							✓	✓	✓
NDM (N2 Dialer)	✓	✓	✓			✓	✓	✓	✓
DC91/DR91/LCP	✓	✓	✓			✓	✓	✓	✓
DX91/XT91/XTM	✓	✓	✓			✓	✓	✓	✓
DX912x (DXECH) <sup>7</sup>	✓					✓		✓	✓
TC91	✓	✓				✓	✓	✓	✓
XM	✓	✓	✓			✓	✓	✓	✓
DCM101	✓					✓	✓	✓	✓
DCM140	✓ <sup>5</sup>					✓ <sup>5</sup>	✓	✓	✓
C210, C260 <sup>6</sup>	✓								
IAC			✓					✓	
IFC		✓						✓	
ILC	✓					✓		✓	✓
NT	✓	✓	✓	✓	✓		✓	✓	
VT100						✓			✓
FPU				✓					
DSC8500				✓					
JC/85					✓				
Duty/Standby NCM <sup>9</sup>	✓	✓	✓					✓ <sup>11</sup>	
Network Port Connection							✓		
LONWORKS® Compatible Devices <sup>10, 11</sup>								✓	
DX9200 <sup>11</sup>								✓	
TCU1200 <sup>11</sup>								✓	
VMA1200 <sup>11</sup>								✓	

See *Notes* at the end of this bulletin for a detailed explanation of footnotes.

**Table 2: Software Options for NCM101/102/401**

NCM Type	STD (101)	LTG Control <sup>1</sup>	SYS 91 (101)	Fire (101)	S2 (401)	JC85 Gate (401)
<b>Base Hardware</b>						
NCM101	✓	✓	✓	✓		
NCM102	✓	✓	✓	✓		
NCM401	✓	✓	✓	✓	✓	✓
<b>Devices Supported</b>						
N2OPEN <sup>2</sup>	✓	✓		✓		
DC91/DR91/LCP	✓ <sup>3</sup>	✓ <sup>3</sup>	✓	✓ <sup>3</sup>		
DX91/XT91/XTM			✓			
XM	✓	✓	✓	✓		
DCM101	✓	✓	✓			
DCM140	4	4	4			
C210, C260	✓	✓				
IFC				✓		
ILC		✓				
NT	✓	✓	✓	✓	✓	✓
FPU					✓	
DSC8500					✓	
JC/85						✓
LONWORKS Compatible Devices <sup>12</sup>						

See *Notes* at the end of this bulletin for a detailed explanation of footnotes.

Notes:

- 1 The Lighting Control NC contains 9 Kb **less** database space than the Standard NCM101.
- 2 N2OPEN includes AHU (Air Handling Unit) Controller, UNT (Unitary) Controller 100 and 1100, VAV (Variable Air Volume) Controller, MIG (Metasys Integrator® Unit), PHX (Phoenix Fume Hood), and VND (General Vendor Device).
- 3 Supports mapping of DCDR/LCP devices to Control System (CS) objects only.
- 4 DCM140 hardware is supported, but the DCM140 will have the functionality of a DCM101. The DCM140 must be defined in DDL as a DCM101 (for the STD 101, LTG CNTL, and System 91 NCM types, or for NCM300 with Release 5.01 or older).
- 5 For NCM200: full DCM140 support requires Release 5.02 or later. May be used as a DCM101 with pre-5.02 software. NCM300 requires Release 6.0 or later, and therefore always provides full DCM140 support.
- 6 C210 and C260 are not supported on the NCM300.
- 7 Only supported on the NCM300/311/350/361.
- 8 Requires a minimum of 4 Mb of memory. (For NCM 3xx-0 or 3xx-1 memory is added via SIMM slots.) NCM 350-8 comes with a fixed 8 Mb of memory.
- 9 Duty/Standby NCM supports only NCM 200, 300, 311, 350, and 361 on the network. Types on the network, other than those specified in Table 1, will not integrate correctly with Duty/Standby application.
- 10 Each LONWORKS compatible device type requires a mapping table be installed on the Operator Workstation (OWS).
- 11 Requires NCM 350/361. When using a LONWORKS network, Duty/Standby and N2 Bus are not supported.
- 12 For LONWORKS compatible devices, no Focus screen exists on the Network Terminal when the terminal is connected to a NCM101 or NCM401. LONWORKS compatible devices appear on the summary with an Offline/Online status, but the user cannot penetrate to the focus level. This issue is specific to NCM101/401 controllers on the Network Terminal.



**Controls Group**  
507 E. Michigan Street  
P.O. Box 423  
Milwaukee, WI 53201

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