ProSoft Technology MVI46-ADMNET

01 Preserve the custom application

01

External devices

Retain the original configuration before disturbing hardware.

Preserve the custom application — field actions

Back up executable, settings and SLC data map before isolation.

Configuration identified

The original application can be restored.

Rack allocation and processor exchange

Rack allocation	Acceptance reference: One SLC 1746 slot. Record the applicable installed selection or measured condition.
Processor exchange	Acceptance reference: M0/M1 files with ladder interface. Record the applicable installed selection or measured condition.

Configuration record	Hardware identities and original settings retained
Following activity	Qualify rack and ports

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02 Qualify rack and ports

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Custom application

Protect the physical and electrical installation boundary.

Qualify rack and ports — field actions

Verify supported rack position, serial electrical selections and cable assignment.

Mounting / circuit accepted

Hardware interfaces match the design.

Ethernet interface and serial application ports

Ethernet interface	Acceptance reference: RJ45. Record the applicable installed selection or measured condition.
Serial application ports	Acceptance reference: 2. Record the applicable installed selection or measured condition.

Installation record	Inspected interfaces and resolved defects retained
Following activity	Restore application transfer

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03 Restore application transfer

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M0/M1 exchange

Resolve connection and configuration differences before energization.

Restore application transfer — field actions

Load the approved application and corresponding settings with the process secured.

Connections reconciled

Application and PLC interface agree.

Serial electrical modes and service port

Serial electrical modes	Acceptance reference: RS-232 / RS-422 / RS-485, jumper-selected. Record the applicable installed selection or measured condition.
Service port	Acceptance reference: CFG, RS-232. Record the applicable installed selection or measured condition.

Connection record	Final wiring and configuration assignments retained
Following activity	Trace test transactions

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04

SLC logic

Evaluate actual response under controlled conditions.

Trace test transactions — field actions

Use known values to verify network handling and M0/M1 alignment.

Functional response accepted

Data reaches the intended addresses correctly.

Backplane load and operating temperature

Backplane load	Acceptance reference: 800 mA at 5 V DC. Record the applicable installed selection or measured condition.
Operating temperature	Acceptance reference: 0 to 60 °C. Record the applicable installed selection or measured condition.

Response record	Test conditions, observed response and deviations retained
Following activity	Test loss and recovery

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05 Test loss and recovery

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Stale-data response

Return control only after reviewing the complete test outcome.

Test loss and recovery — field actions

Interrupt test communications and verify timeout, stale-data and recovery behavior.

Return-to-service evidence

The complete interface is accepted in normal and fault conditions.

Separate related-equipment review

ProSoft MVI94-ADM

ProSoft MVI71-AFC

ProSoft MVI46-GSC

Assess each related item independently; these references do not establish replacement compatibility.