**PANEL NETWORK NDP**

**1. Description  
Handles network connections for communication between system panels.**

**2. Functions**

* **Ensures communication between panels (e.g., control, sensor panels).**

**3. I/O and Signals**

| **Signal Name** | **Type** | **Description** | **Panel** |
| --- | --- | --- | --- |
| **NETWORK\_STATUS\_OK** | **DI** | **Network connection status** | **PANEL\_CONTROL\_RIO** |
| **NETWORK\_ERROR** | **DO** | **Error signal for network** | **PANEL\_CONTROL\_RIO** |

**4. Interlocks & Safety**

* **Stops operation if network connection fails.**

**5. Dependencies**

* **Relies on proper network configuration for all panels.**

**6. Alarms**

| **Alarm ID** | **Condition** | **Message** |
| --- | --- | --- |
| **A\_NET\_01** | **Network failure** | **"Network Error"** |

**7. HMI / Operator Interaction**

* **Network status displayed on HMI.**