

PLC(MX Component) 설치 및 설정



2015.05

MX Component 4 설치

- ① MX_Component_V4.00A₩EnvMEL 설치
- ② MX_Component_V4.00A 설치
- ③ sw4dnc-act-e_06g₩EnvMEL 설치
- ④ sw4dnc-act-e_06g 설치

- 시작하기에 앞서 PLC 담당자에게 확인 할 것
 - ① PLC Module Ex) QJ71E71
 - ② PLC CPU Type Ex) Q06UDV
 - ③ PLC Protocol : UDP or TCP
 - ④ PLC 측 Network Number
 - ⑤ PLC 측 Station Number
 - ⑥ PLC 측 IP Address
 - ⑦ PLC 측 Port Number

Ex) LG화학 중국 남경지사 원통형전지 2호기 PLC side

Module 2	
Network Type	Ethernet
Start I/O No.	0140
Network No.	2
Total Stations	+
Group No.	0
Station No.	1
Mode	Online

PLC 측 Network Number : 2

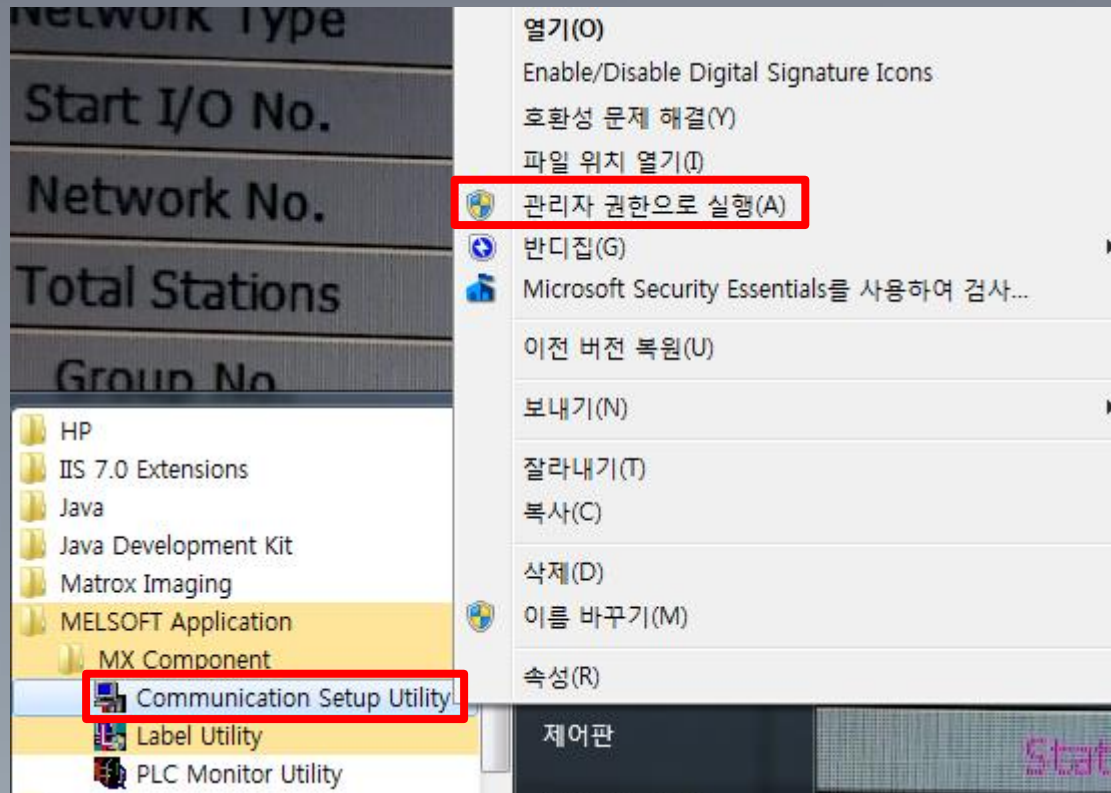
PLC 측 Station Number : 1

➤ 시작 하기

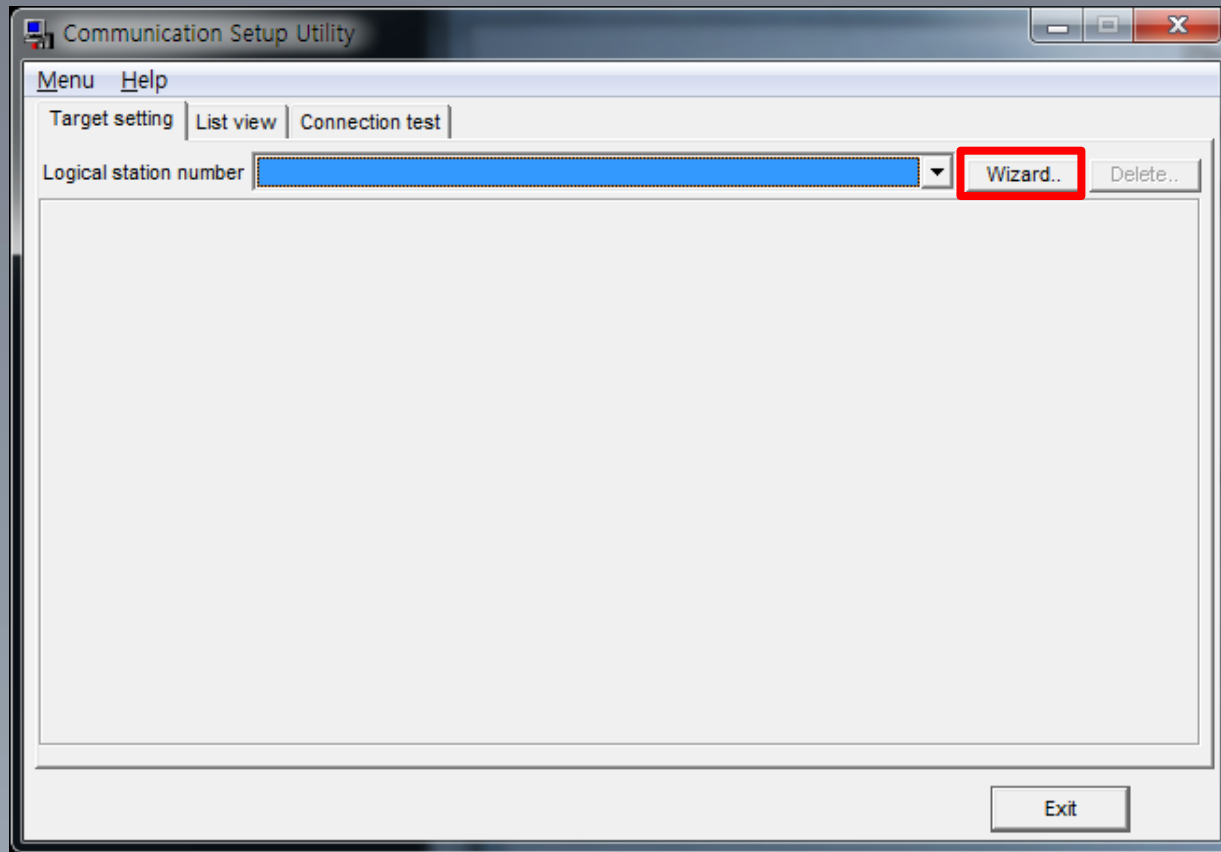
➤ ① PLC 연결은 LAN 케이블로 연결

➤ ② PLC 테스트에 사용될 PC의 IP는 남는 것으로 알아서 설정

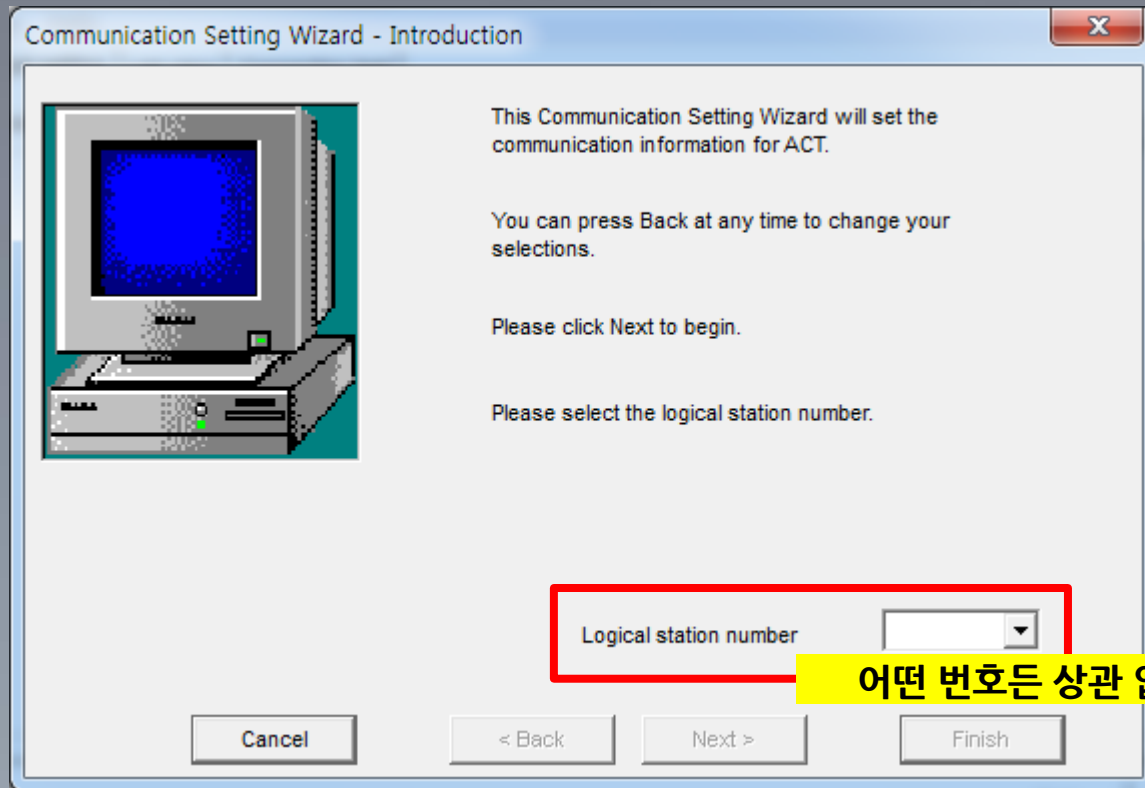
➤ 관리자 권한으로 Communication Setup Utility 실행



➤ Wizard 클릭



➤ Logical station number 입력 후 Next



➤ PC Side 설정

Communication Setting Wizard - PC side

Please select the PC side I/F

PC side I/F: Ethernet board

Communication setting

Connect module: QJ71E71

Protocol: UDP

Network No: 2

Station No: 2

Port No: 5001

Time out: 60000 ms

Cancel < Back Next > Finish

PLC 측 Network Number 랑 동일해야 함

PLC 측 Station Number 랑 중복되면 안됨

➤ PLC Side 설정

Communication Setting Wizard - PLC side

Please select the PLC side I/F

PLC side I/F: Ethernet module

Communication setting

Module type: QJ71E71

Host(IP Address): 192.168.0.200

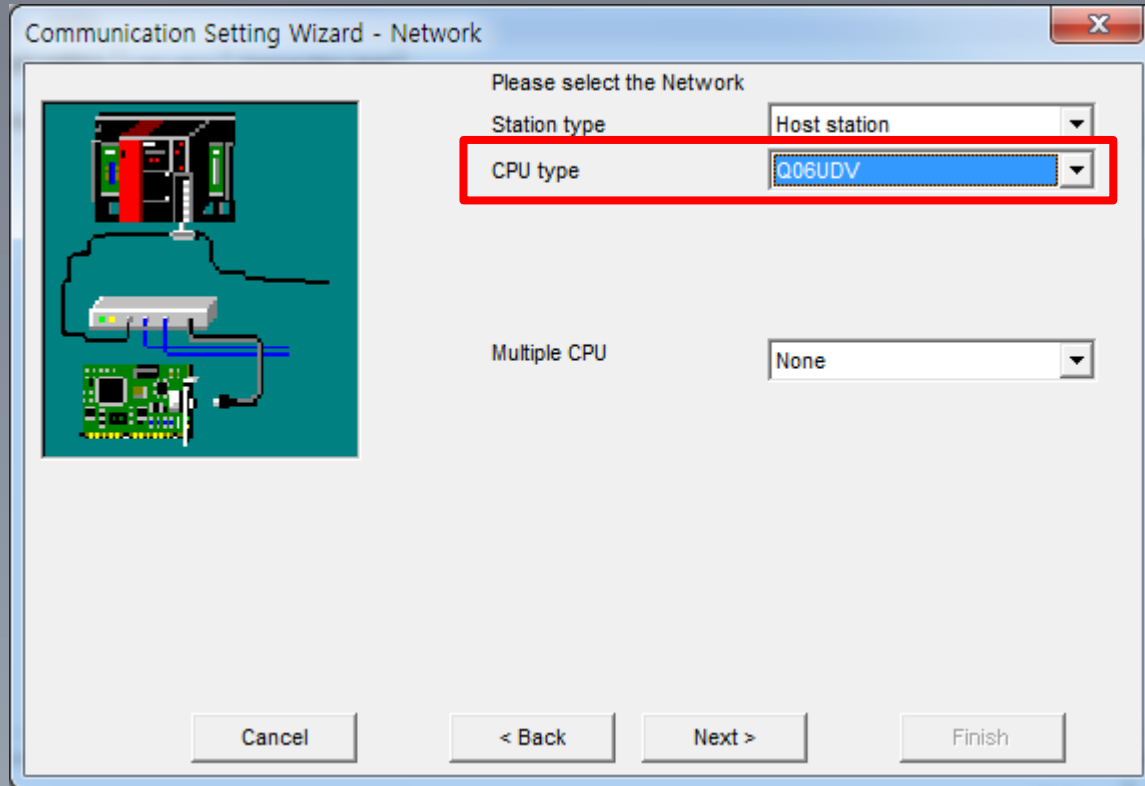
Network No: 2

Station No: 1

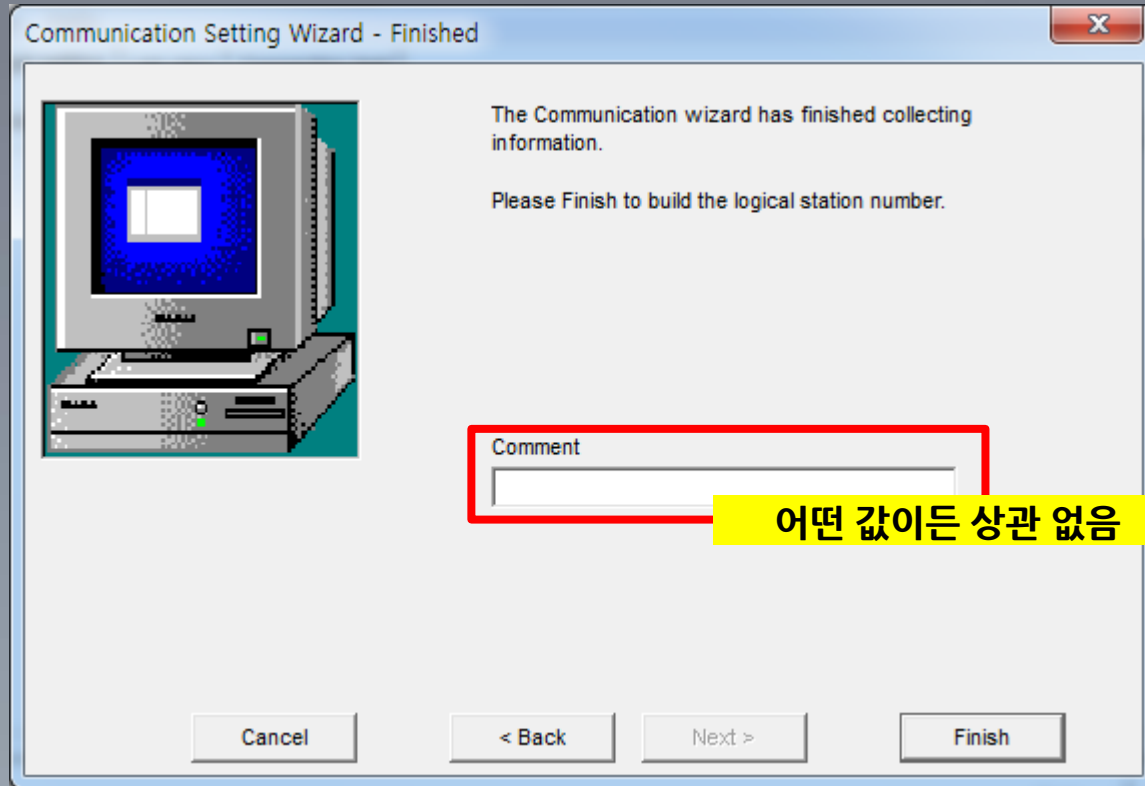
Buttons: Cancel, < Back, Next >, Finish

PLC 측 Station Number 랑 동일해야 함

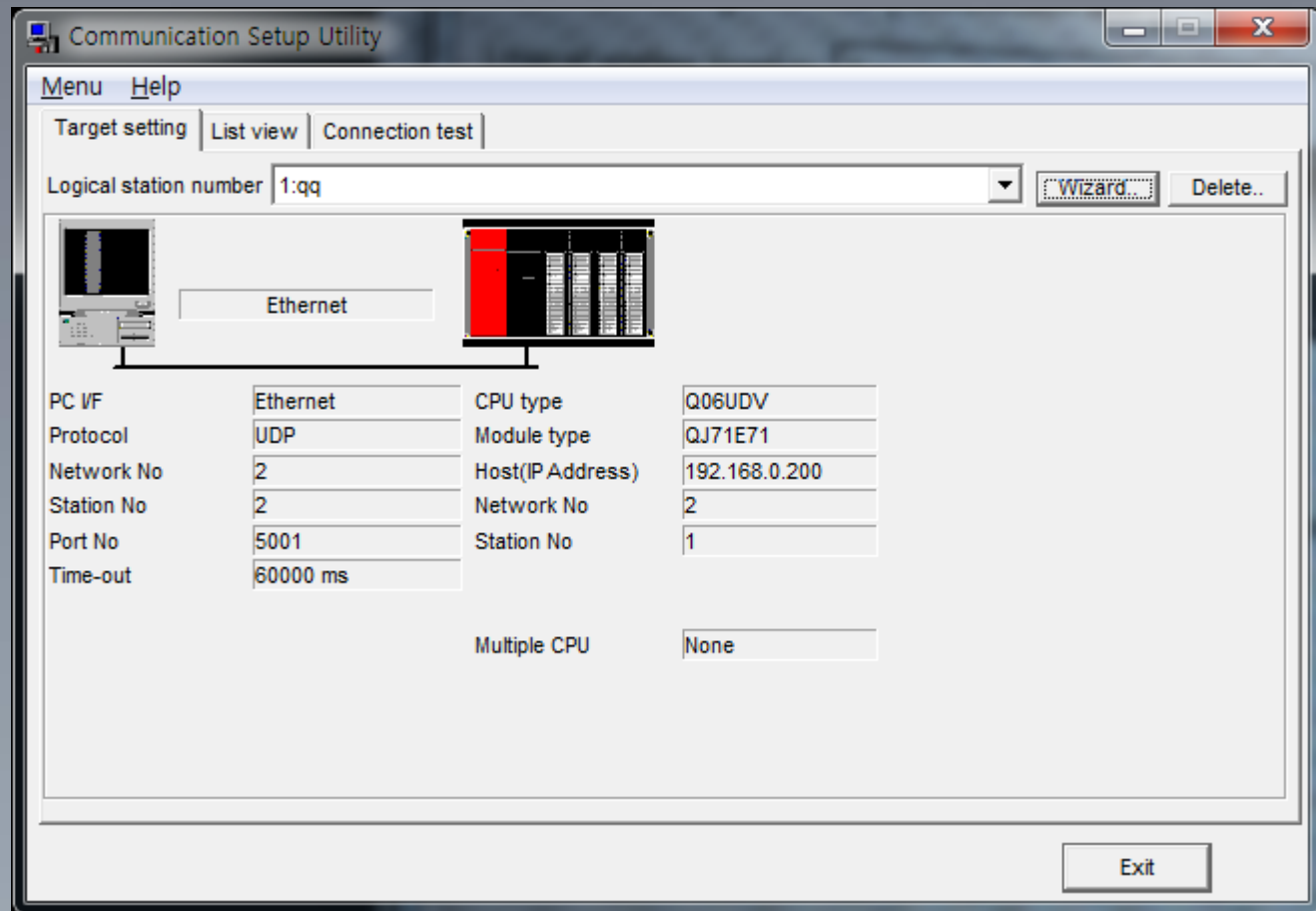
➤ CPU Type 선택



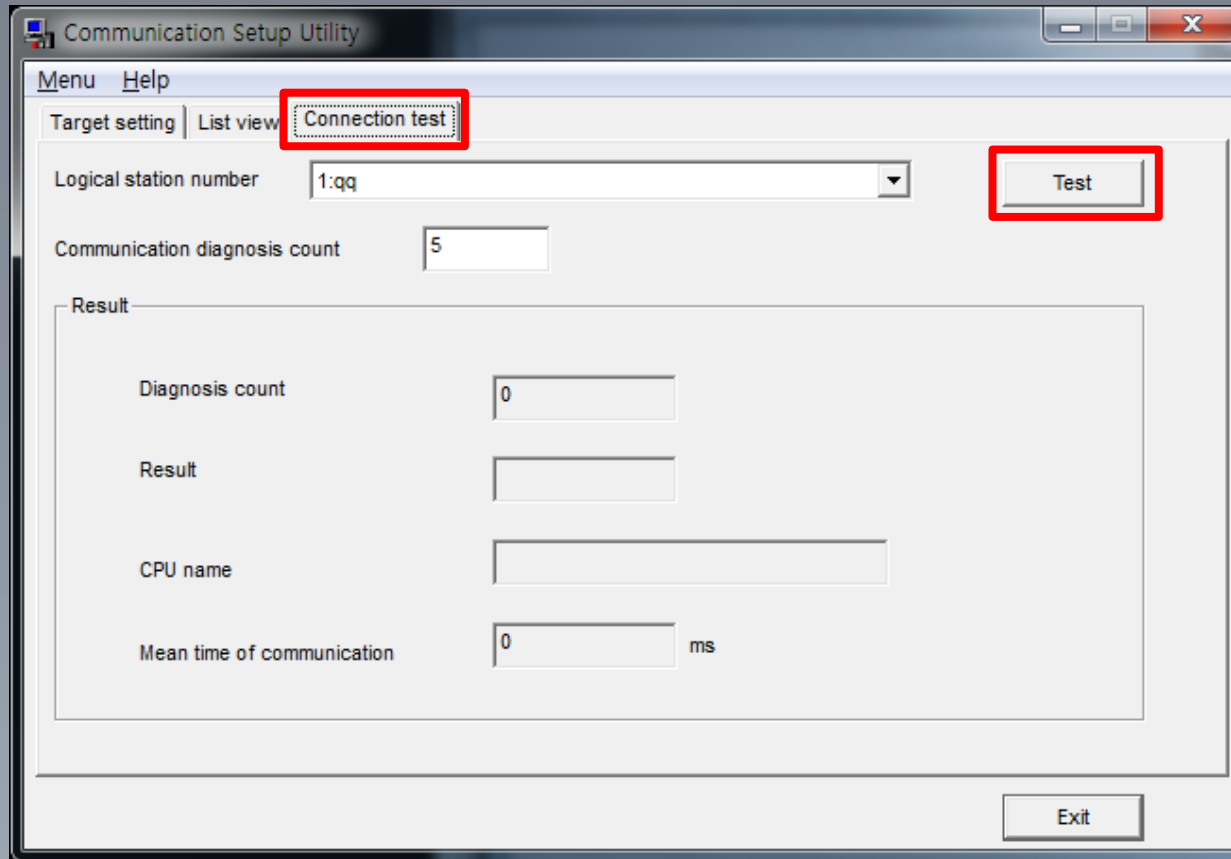
➤ 설정 완료



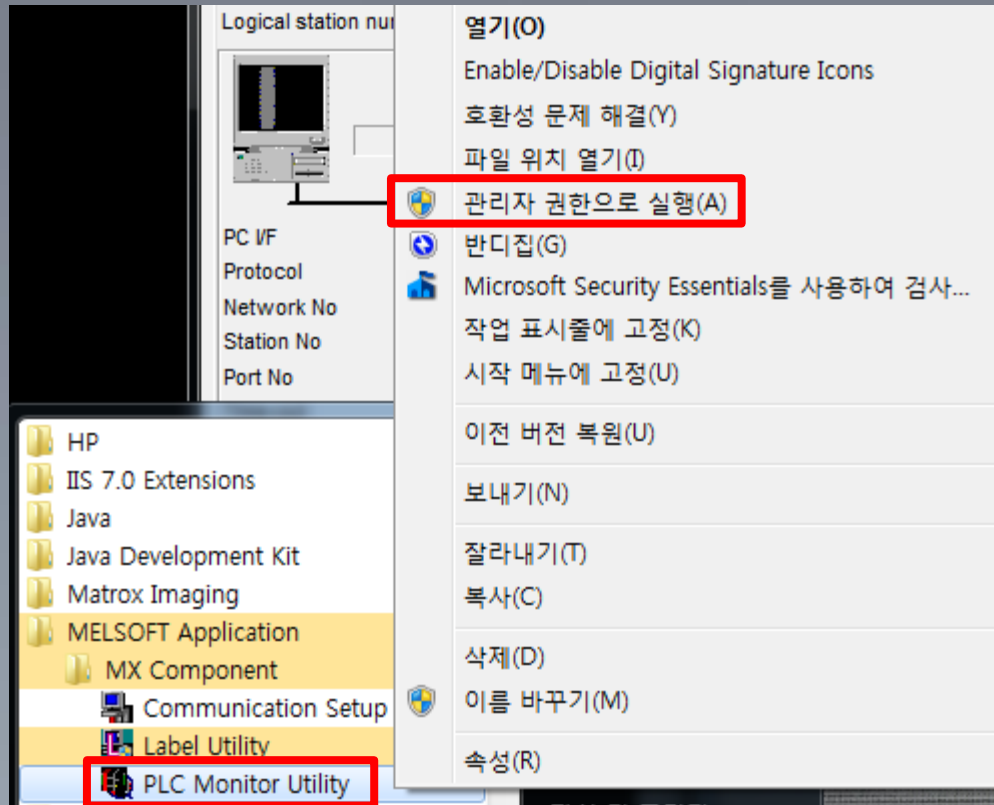
➤ 설정 최종 화면



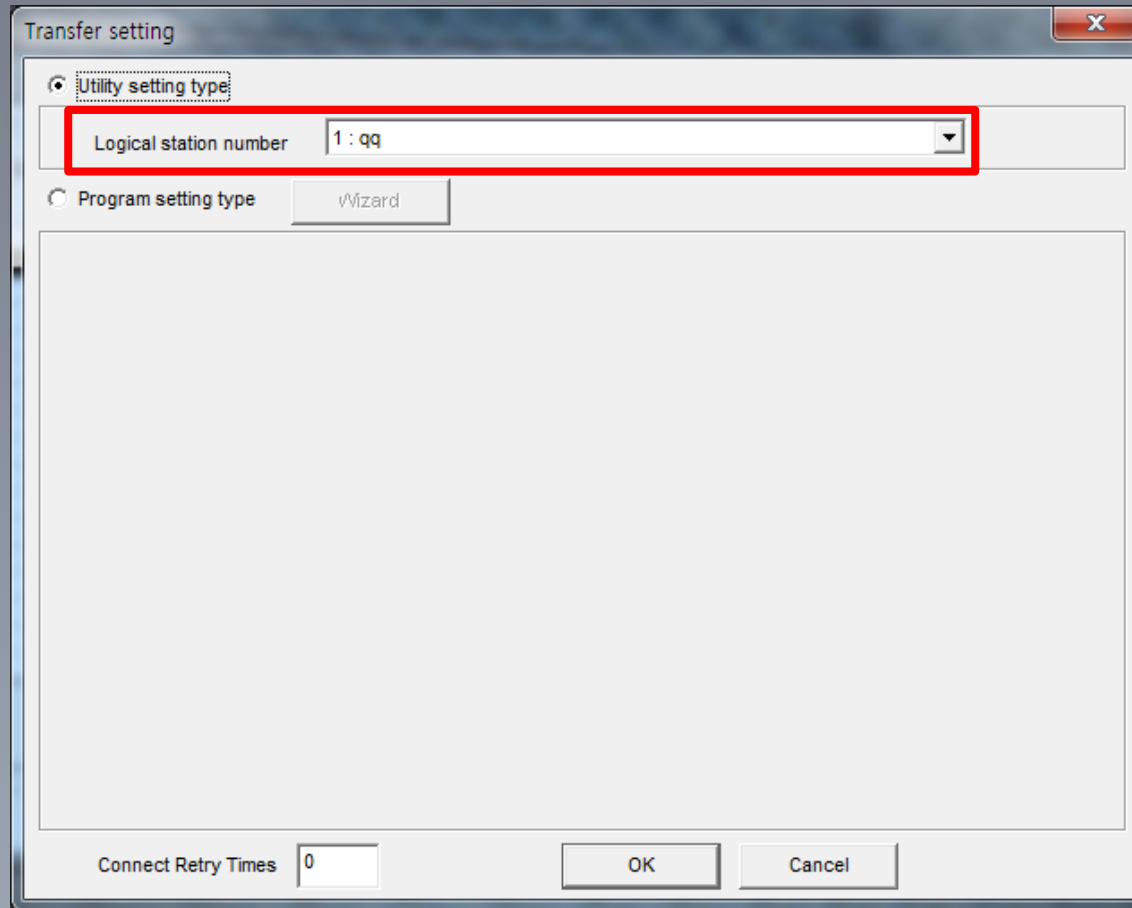
- Connection Test 탭에서 Test 클릭.
PLC 연결 성공시 연결 성공 메시지가 뜬



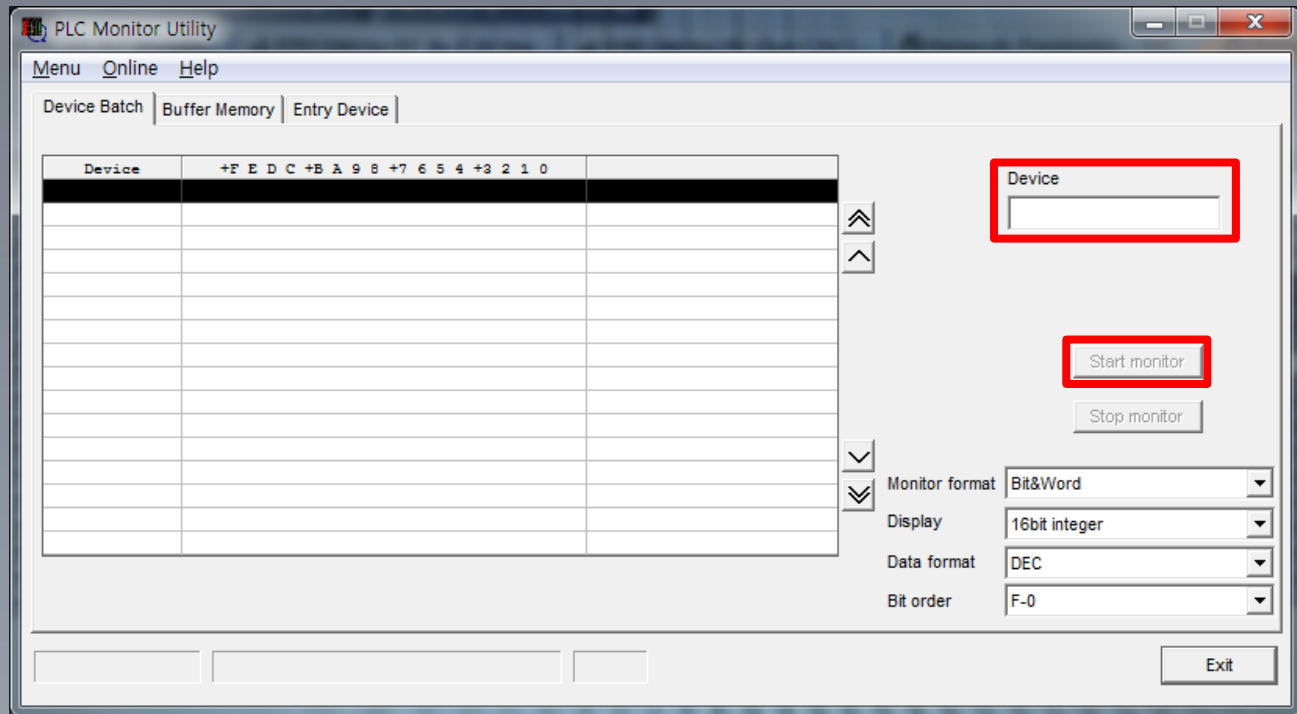
➤ 관리자 권한으로 PLC Monitor Utility 실행



➤ 앞에서 했던 설정 선택



➤ PLC Test



PLC 담당자에게 테스트할 주소를 받아서 Device에 입력 한 후 Start Monitor.
왼쪽 셀에서 PLC 담당자가 입력하는 값들이 제대로 들어오는지 확인