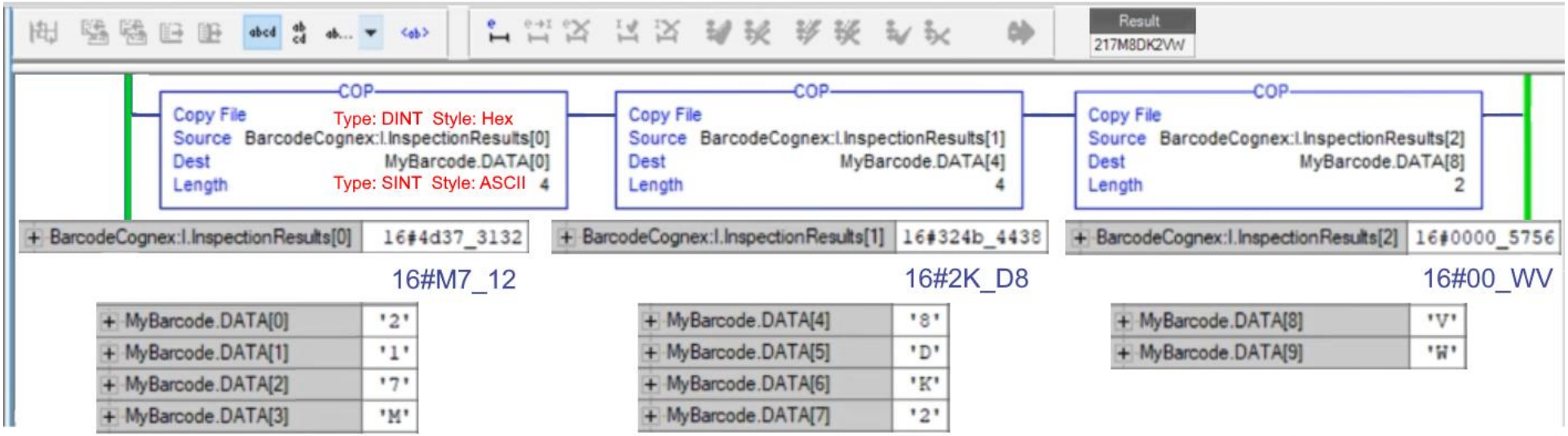
Outline of converting data transferred from one piece of electronics to a PLC using Studio 5000 EthernetIP module with CIP protocol.



Addr	Cognex	
00/01	32	31
02/03	37	4d

Addr	PLC	
03/02	4d	37
01/00	31	32

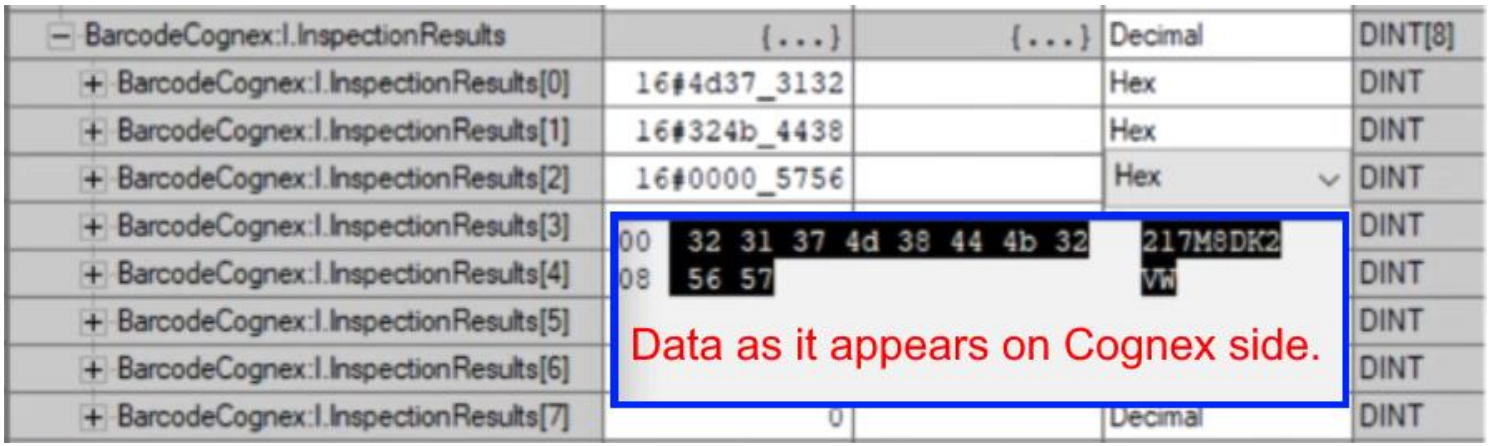
Addr	Cognex	
08/09	56	57
10/11	00	00

Addr	PLC	
10/11	00	00
09/08	57	56

Addr	Cognex	
04/05	38	44
06/07	4b	32

Addr	PLC	
07/06	32	4b
05/04	44	38

The graphic below indicates the data as it appears (in hex) on both the PLC and camera side.



Addr	Cognex	
00/01	32	31
02/03	37	4d
04/05	38	44
06/07	4b	32
08/09	56	57
10/11	00	00

Addr	PLC	
03/02	4d	37
01/00	31	32
07/06	32	4b
05/04	44	38
10/11	00	00
09/08	57	56