



# OPERATOR INTERFACE PRODUCTS APPLICATION NOTE

Subject: Synchronizing Focal Point 3XXX System Clock with PLC Clock

AN#1068A

Date: 11/6/97

Name: Craig A. Carr

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Description: This Application note describes how to synchronize the System Clock in the 3XXX with the PLC Clock so that the 3XXX has the same time as the PLC

## 1) Create the following Tags:

### Internal Tags:

<u>Tag Name</u>	<u>Internal Register</u>
sys_time	SysTime
sys_hour	Hour
sys_min	Minute
sys_sec	Second

### PLC Tags:

plc\_hour  
plc\_min  
plc\_sec

**Note:** These three tags are assigned to the appropriate PLC address representing the individual fields

## 2) Goto to the appropriate screen on the Data Editor Side and add the following events:

On some condition (this can be a check for a particular value, key press, etc.)

Action: Assignment

Source: plc\_hour

Destination: sys\_hour

Source: plc\_min

Destination: sys\_min

Source: plc\_sec

Destination: sys\_sec



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**NOTE: All three assignments occur with the same event.**

Conclusion: Now with a particular event, the system time in the 3XXX unit will be changed to the PLC time.