



?????????PG/PC????????????? PLC?????????????1.3???

?1.3????

?????????IP?????PLC?????????????????PC/PG?????1.4?1.5???

?1.4 ??IP??

?1.5 ??PLC????

?????????????????PLC?????????PLC?????????TIA  
Portal?????????????????????????????????1.6???

?1.6 ???????

????????????????????????????????

?????????????1.7???

?1.7 ???????

?TIA Portal ??????????????1.8???

?1.8?????????

?1.8?????????

?????????????????

?1? \*\*\*????????????????????????????????

?2? ??PLC?????????????????1.9???

?1.9 PLC???????

?1? ??????????1.10???

?1.10 ?????????

?????????????IP???PLC????????????????????????????????\*\*\*?????????????S7-1500?????????????????CPU  
1500 ??????????1.11?1.12?????“?”???PG/PC?????\*\*\*?????PLC?????????????????1.13???

?1.11????CPU 1500

?1.12??“??”

?1.13?????????

?????????(?IP???)