

# **Simulation of an automatic car wash system using PLC S7 300 and computer monitoring**

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**Abstract:** In the context of the continuous development of technology, the application of automatic car wash systems has become important for car service facilities. This project aims to design and simulate an automatic car wash system using the PLC S7 300 to achieve efficient control processes. The research method combines theory and experimentation, helping to build a comprehensive solution for monitoring and controlling the car wash process via computer. The expected result is a flexible and time-saving system, contributing to technological development in the car service sector.

**Keywords:** Automatic car wash system, PLC S7 300, Digital monitoring