



Otimização de Sistemas de Abastecimento de Água utilizando Técnicas de Inteligência Artificial

Prof. Juan Moises Mauricio Villanueva

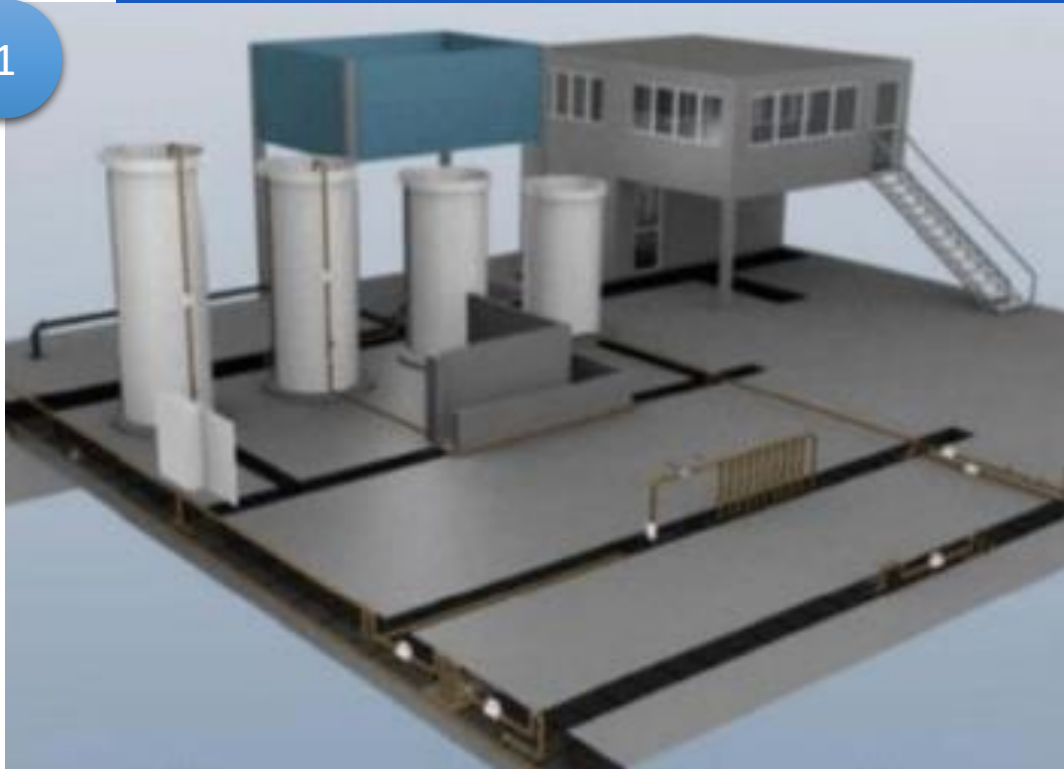


Universidade Federal da Paraíba - UFPB

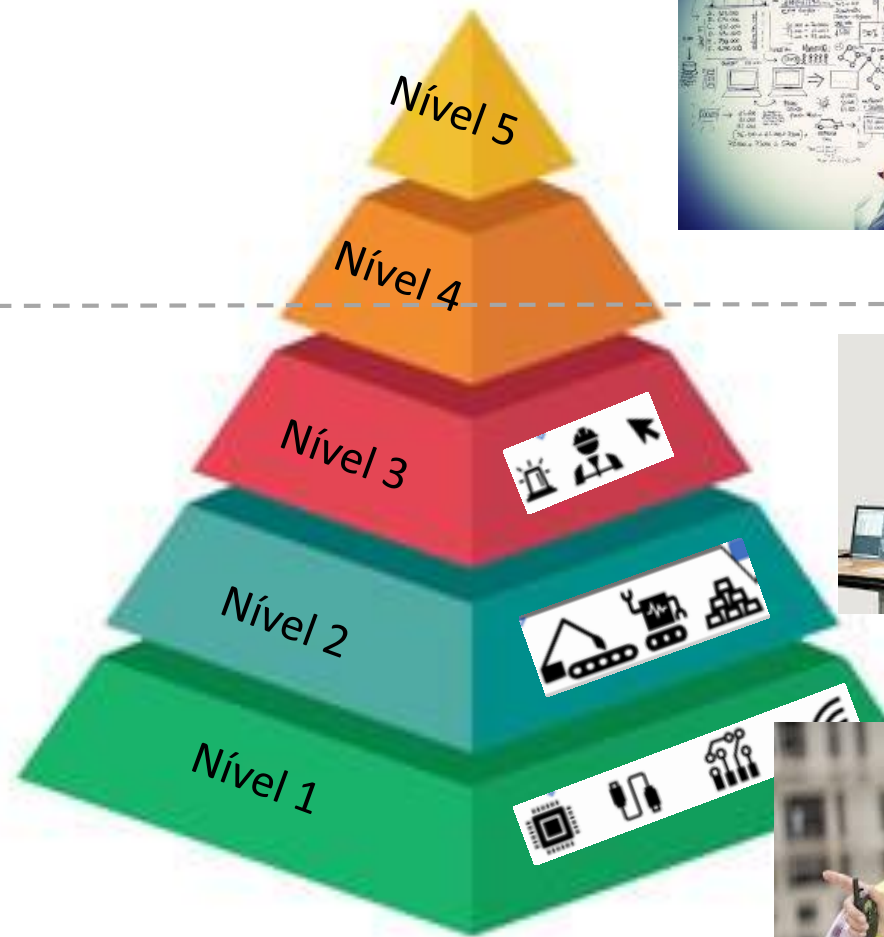
Laboratório de Eficiência Energética e Hidráulica em Saneamento - LENHS/UFPB

CENTRO DE TECNOLOGIA - CT

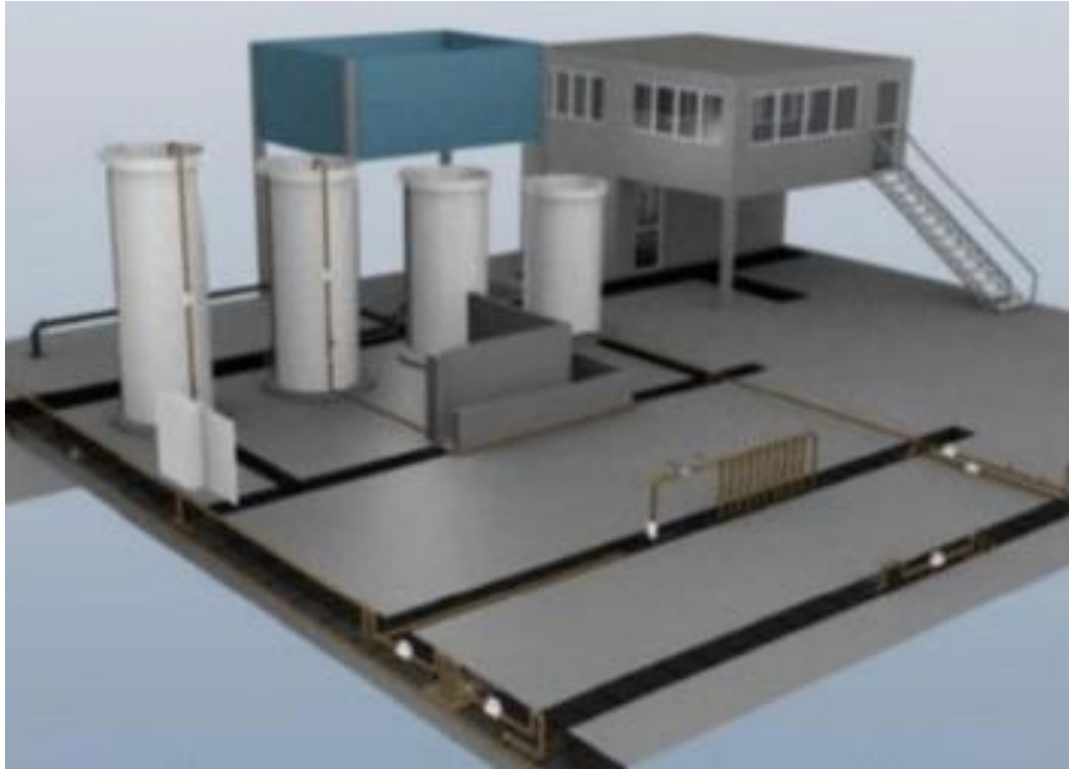
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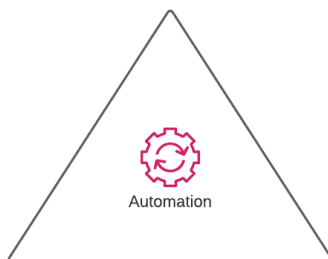
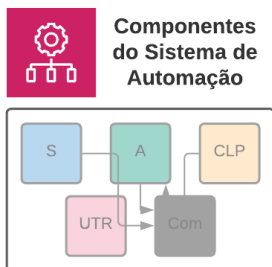
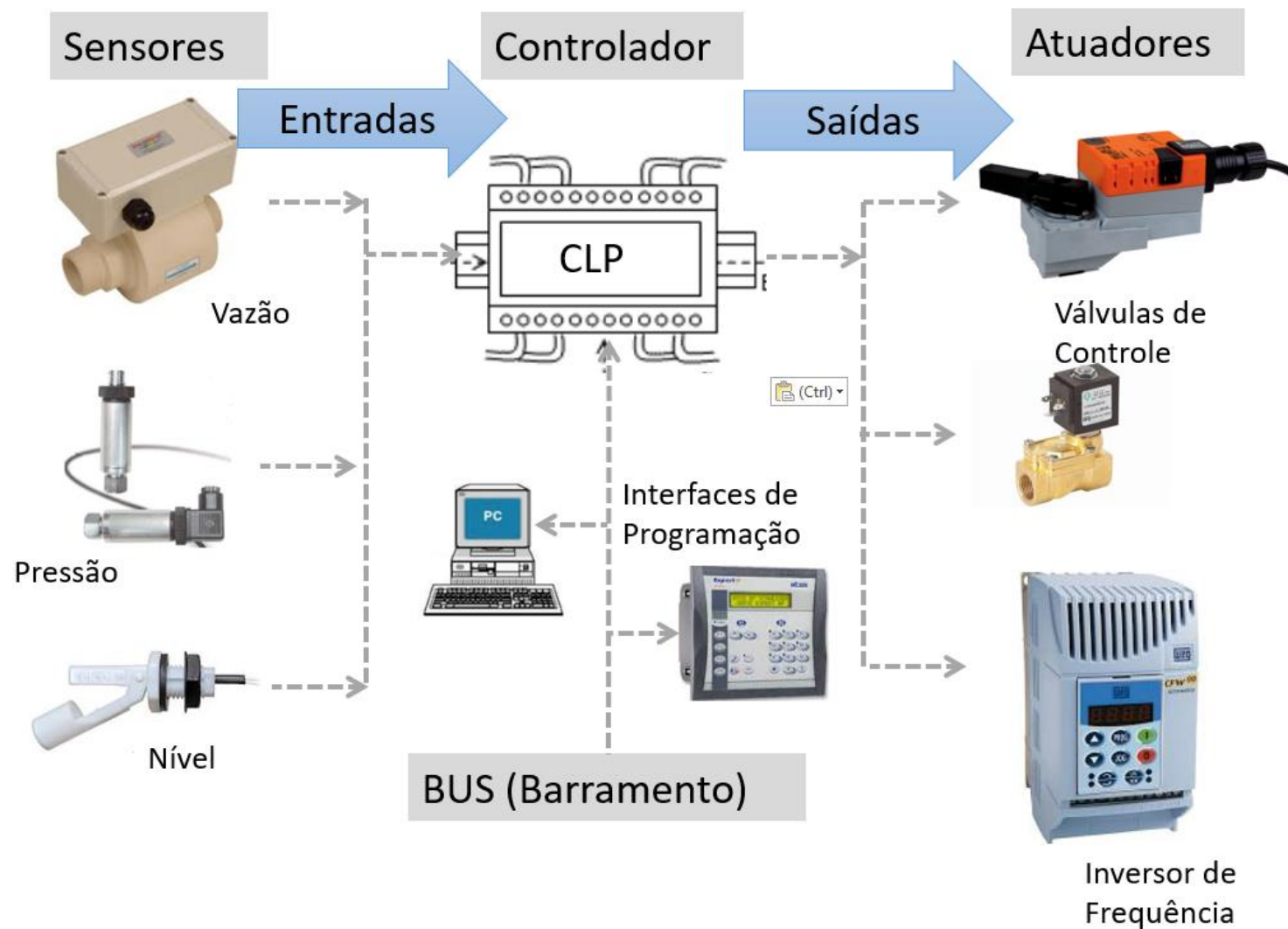
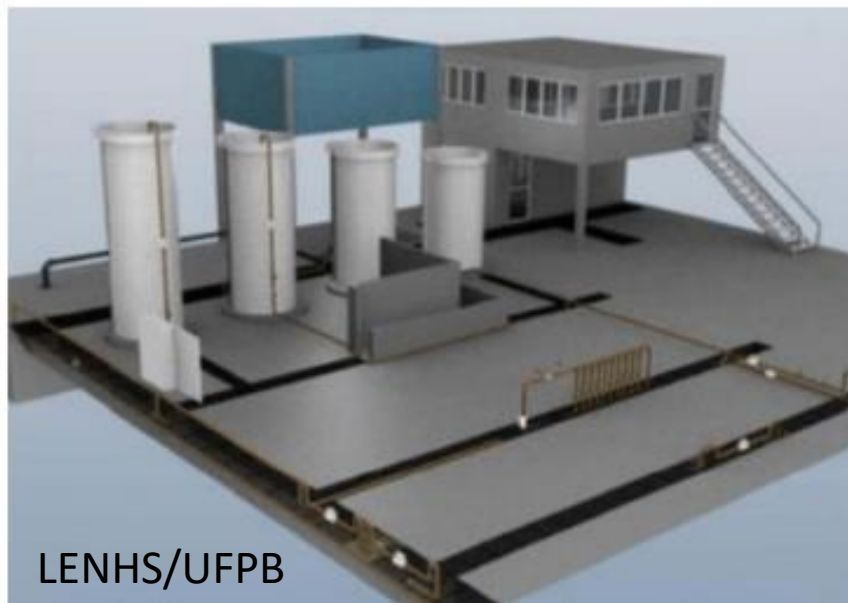


Pirâmide da Automação Industrial e a Indústria 4.0



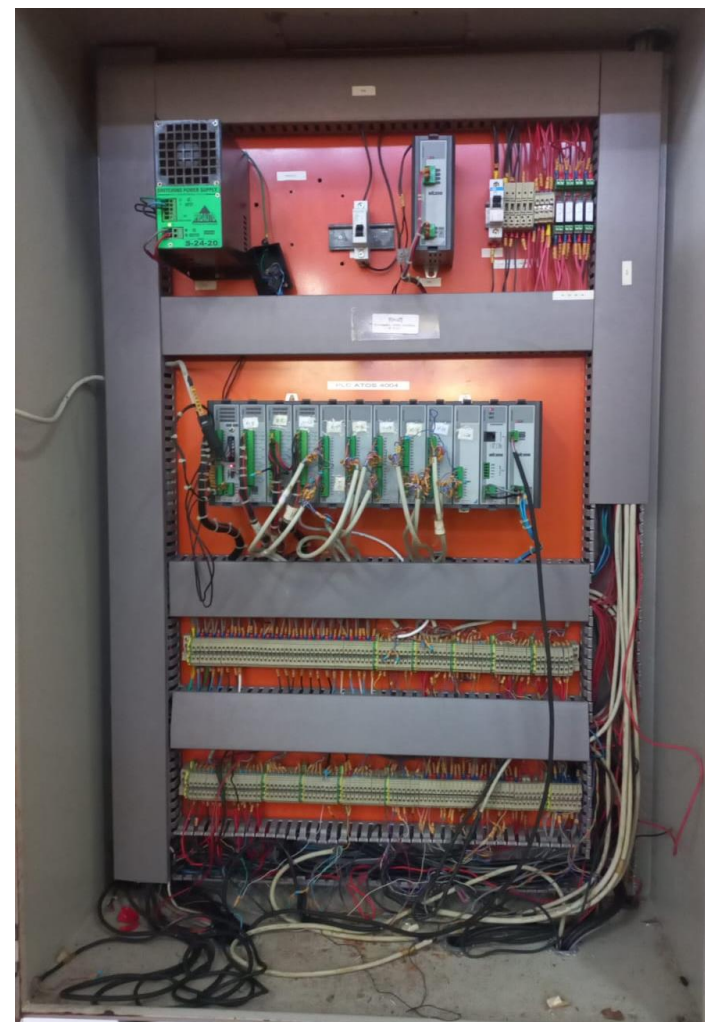
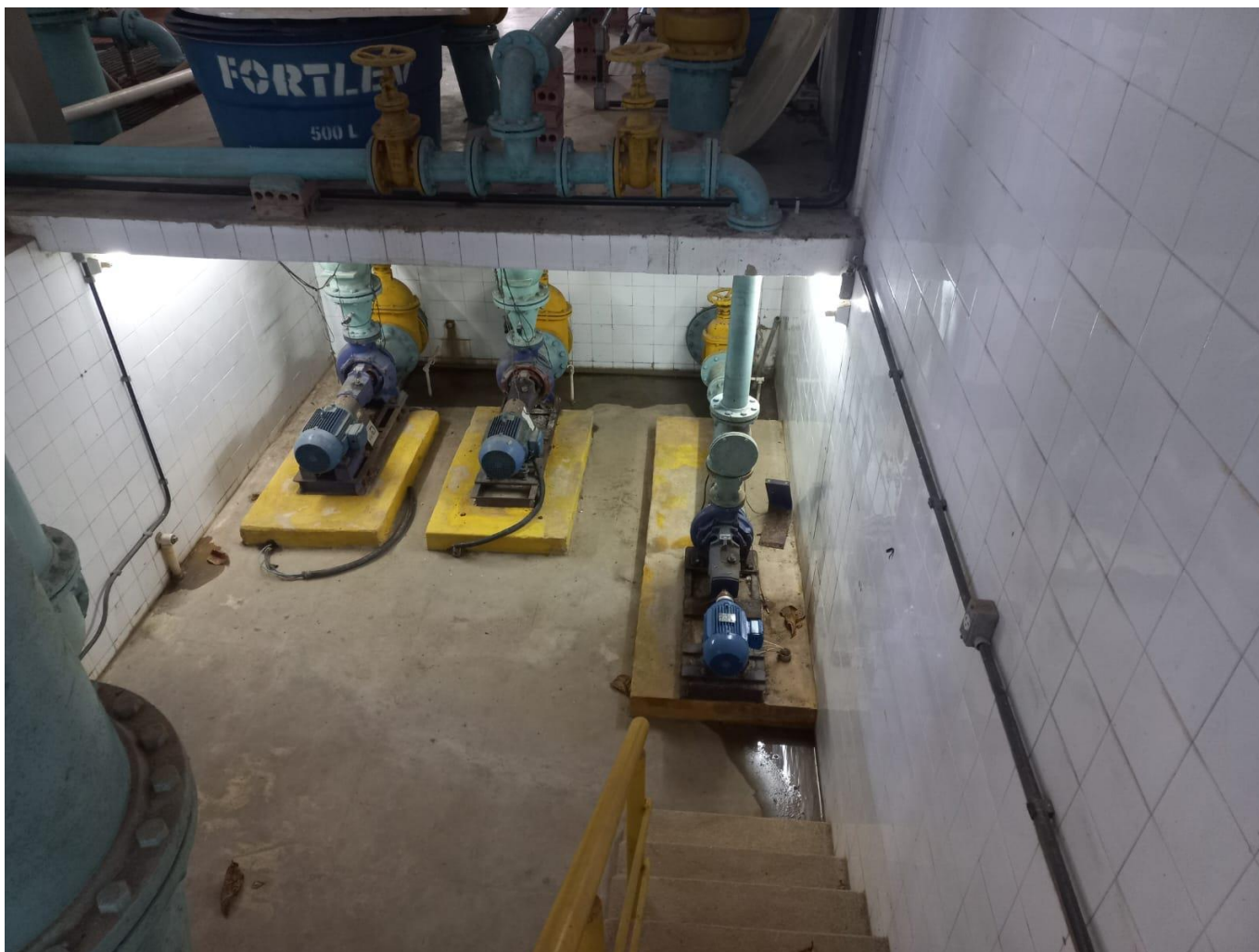
Rede de Distribuição de Água - LENHS

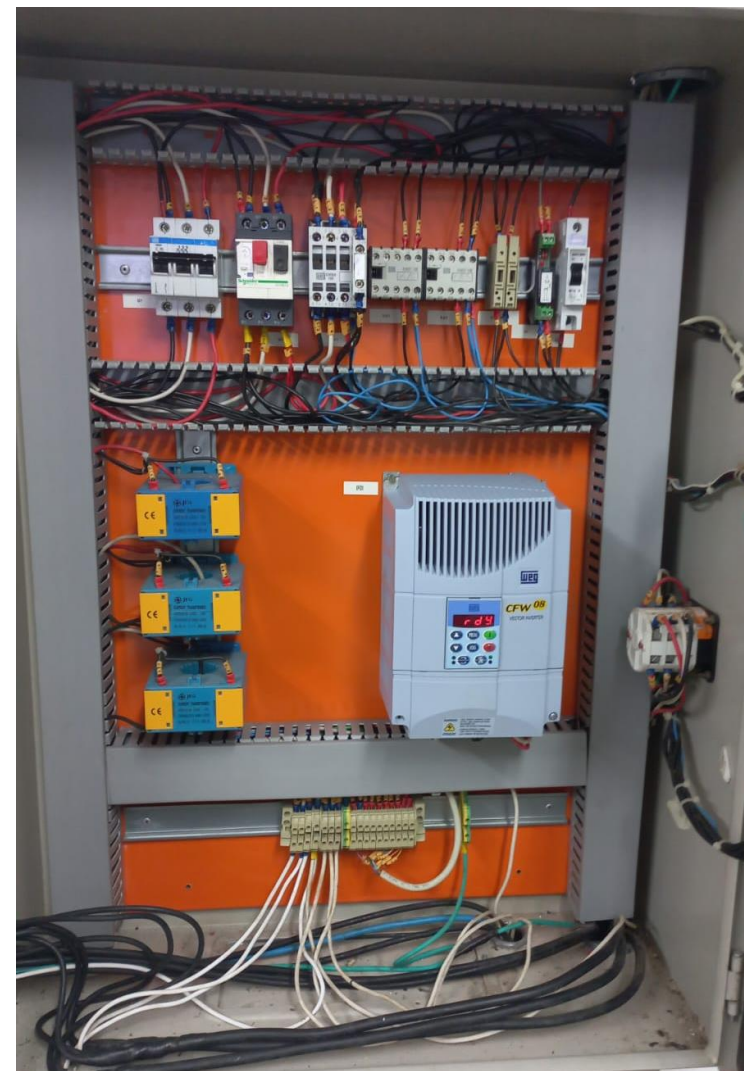




Descrição das Funcionalidades do Sistema de Automação







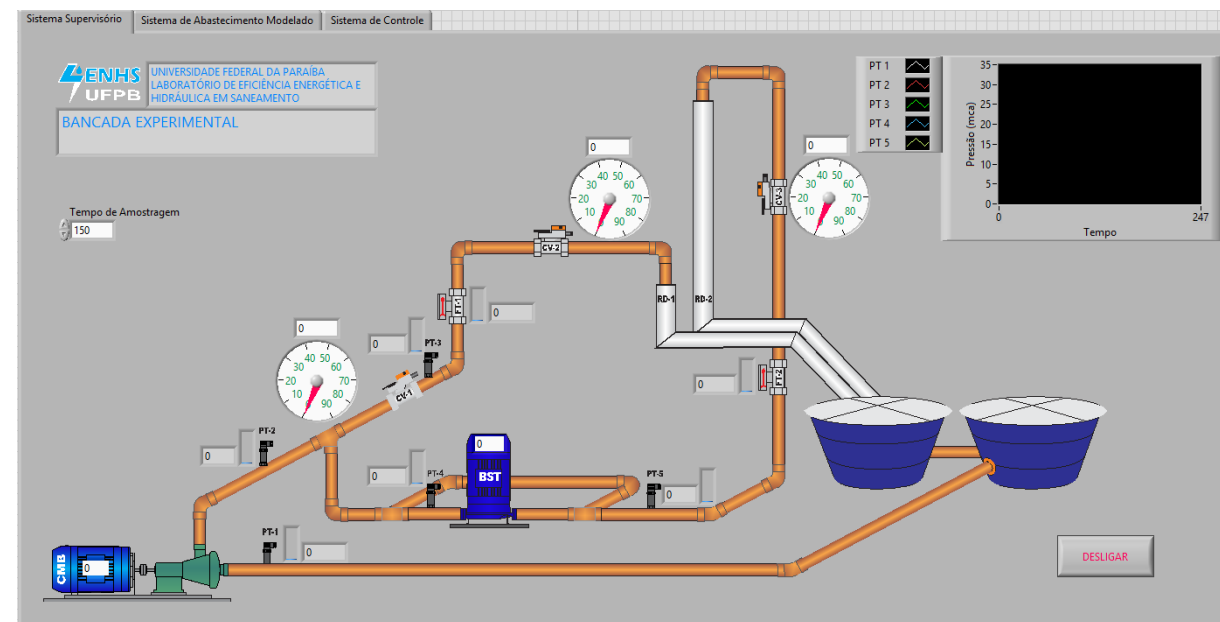
Configuração Bombas Serie - Paralelo



Quadro de Automação Siemens S7 1200



Configuração Zona Baixa e Zona Alta



Configuração Zona Baixa e Zona Alta



Soft Starter

