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(57) Abstract :
SECURITY FRAMEWORK FOR WIRELESS SENSOR NETWORKS A method for the development of the encrypting the sensed data with an encryption key and a verification key to generate encrypted data in each of the numerous sensors that sense data is a method for transferring sensed data in a wireless sensor network with multiple sensors. The sensor network consists of a base station and a number of sensor nodes that communicate with the base station via radiofrequency signals relayed by other sensor nodes. Much of the security-related computing load is shifted away from resource-constrained sensor nodes and onto resource-rich base station nodes by the security architecture. The method or procedure for communicating between the control appliance of a wireless device node in a wireless sensor network (WSN) and an industrial control system (ICS). A wireless network consists of several device nodes and at least one gateway (GW). In turn, the gateway nodes are linked to other gateway nodes and operations control centers via wireless or cable data communications channels. The network can be scaled to a global level by utilizing the Internet for long-distance interconnection. FIG.1

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