

Warning: Trying to access array offset on value of type null in `/var/www/vhosts/amatrol.com/httpdocs/wp-content/themes/kallyas-child/dkpdf/dkpdf-index.php` on line 182

Warning: Trying to access array offset on value of type null in `/var/www/vhosts/amatrol.com/httpdocs/wp-content/themes/kallyas-child/dkpdf/dkpdf-index.php` on line 182

Warning: Trying to access array offset on value of type null in `/var/www/vhosts/amatrol.com/httpdocs/wp-content/themes/kallyas-child/dkpdf/dkpdf-index.php` on line 182

Warning: Trying to access array offset on value of type null in `/var/www/vhosts/amatrol.com/httpdocs/wp-content/themes/kallyas-child/dkpdf/dkpdf-index.php` on line 182

Warning: Trying to access array offset on value of type null in `/var/www/vhosts/amatrol.com/httpdocs/wp-content/themes/kallyas-child/dkpdf/dkpdf-index.php` on line 182

Warning: Trying to access array offset on value of type null in `/var/www/vhosts/amatrol.com/httpdocs/wp-content/themes/kallyas-child/dkpdf/dkpdf-index.php` on line 182

Warning: Trying to access array offset on value of type null in `/var/www/vhosts/amatrol.com/httpdocs/wp-content/themes/kallyas-child/dkpdf/dkpdf-index.php` on line 182

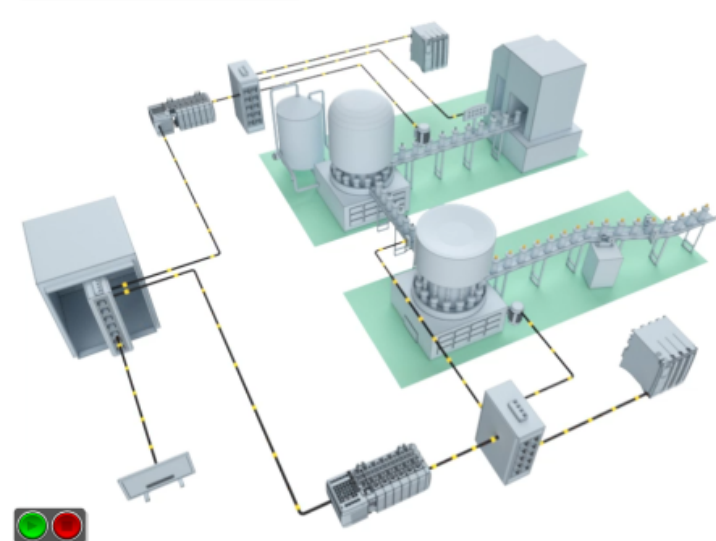
Smart Factory Ethernet - AB CompactLogix L16 | Multimedia

Basic Industrial Ethernet Operation - WX33763-AA01UEN-E1

Objective 1: Describe the Function of an Industrial Ethernet Network

Networks for Industrial Automation

An industrial network is a system of sensors, robots, machines, and controllers connected together so they can communicate with each other. An industrial network allows a manufacturing process to be monitored and controlled automatically. Industrial networks reduce production costs, speed up assembly, and improve product quality.



The diagram illustrates an industrial Ethernet network. It shows a central network switch connected to various industrial equipment. On the left, there is a control cabinet with a green and red indicator light. In the center, there are several large cylindrical tanks and a conveyor belt system. On the right, there are more industrial machines and a server rack. The network is represented by a series of interconnected lines and nodes, showing how data is transmitted between different parts of the factory.

AMATROL

Page 2 of 58

The Smart Factory network communications training systems feature real-world equipment learners will encounter on the job, including both managed and unmanaged network switches. The systems combine hands-on skills practice with in-depth multimedia curriculum for a well-rounded learning experience that will prepare learners to make an immediate impact in the technologically-advanced Smart Factory environments of the present and future.

Warning: foreach() argument must be of type array|object, null given in `/var/www/vhosts/amatrol.com/httpdocs/wp-content/themes/kallyas-child/dkpdf/dkpdf-index.php` on line 193

Address

**Amatrol
2400 Centennial Blvd
Jeffersonville, IN 47130**

Contacts

**email: contact@amatrol.com
phone: (800) 264 8285**