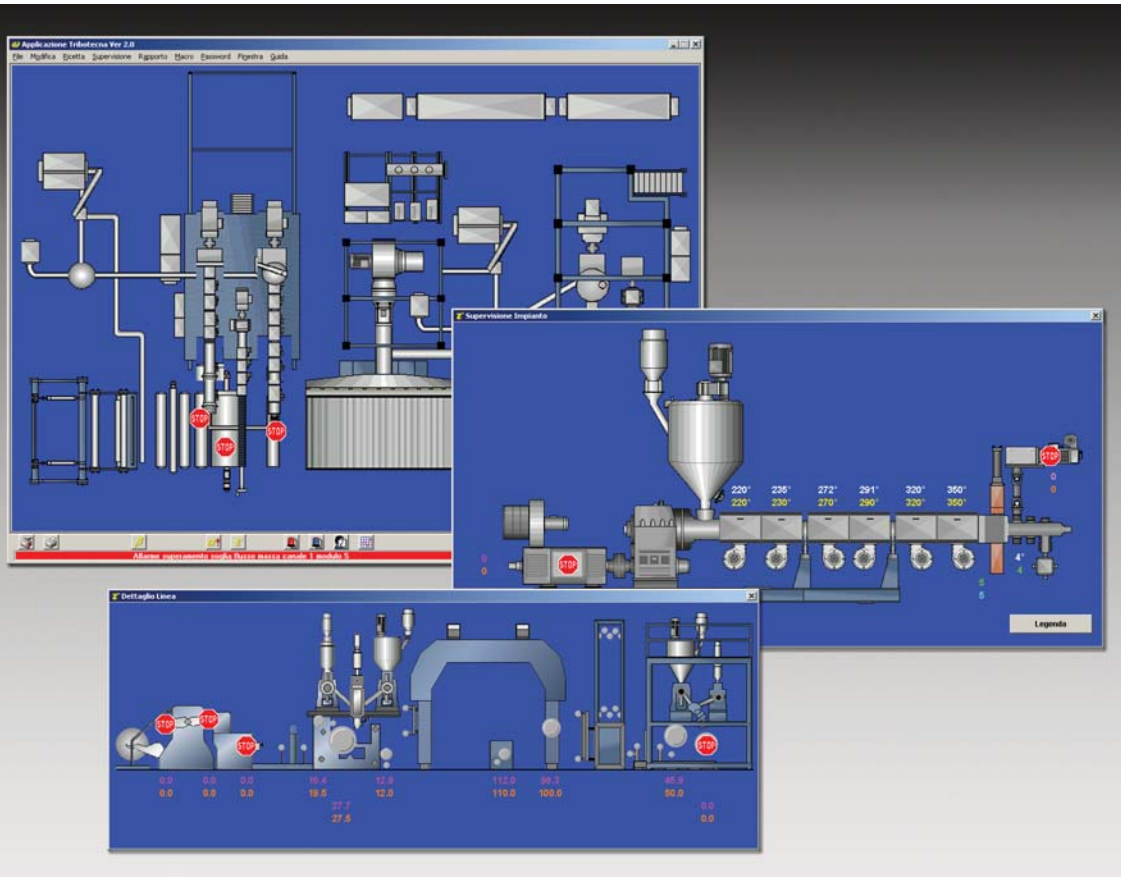


SUPERVISION APPLICATIONS



SUPERVISORY CONTROL OF A FILM PRODUCTION PLANT

The plant is made of a multi-stage line for the production of gas barrier films, that combines the “cast film technology” with the “extrusion coating technology”; this special technology allows both a higher line output and an optimum product quality (no “curl” effect, optimum film transparency, perfect gauge control, maximum rate of edge trims reintegration in the line). In a such a complex plant, equipped with a variety of control devices (PLCs, controllers, motor drives, indicators, ...), the supervisory system has a decisive role for the best plant operation: a series of templates with different levels of detail give the possibility to control from a unique point the operation of every part of the plant; prompt signalling of every new alarm or abnormal operation condition together with the possibility to investigate the cause by analysing the alarm story and the graphical trends of all the related variables allow a quick and effective maintenance and reduce the risk of production waste; the recipe management guarantees that all product characteristics can be perfectly reproduced, with a consequent customer satisfaction and reduction of production and delivery times; automatic printing of quality reports after each “end of production” gives the certification that the product is compliant with the specifications requested by the customer.



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