



COMERIO ERCOLE

MECHANICAL CONSTRUCTIONS SINCE 1885 ITALY



Avviamento remotato a 10.000 km di distanza

Servizio Assistenza clienti

Proprio nel mese di Maggio 2020 durante il periodo COVID più difficile abbiamo con piena soddisfazione del nostro cliente completato l'avviamento di una line di calandratura per gommatura cord metallico e tessile (calandra 4 cilindri 610x1800 mm S) per un importante gruppo industriale in estremo oriente. Considerando che l'impianto dista 10.000 km dalla COMERIO ERCOLE siamo molto orgogliosi del risultato raggiunto in assenza di rischi per le persone e per i macchinari. L'architettura di sistema si basa sulla connessione VPN così da garantire sicurezza e stabilità. Un sistema di telecamere installate sulla linea di calandratura garantisce gli operatori durante ogni fase di avviamento.

TELESERVICE PLUS®
INTERNET REMOTE ASSISTANCE SERVICE



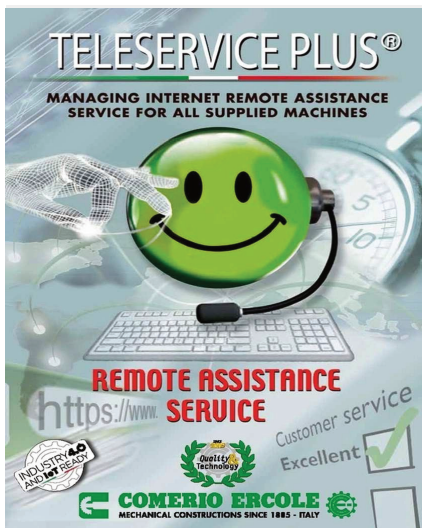
<https://www.comerioercole.it>



Calendering line start up and final commissioning 10,000 km away

Start up & Commissioning Customer Service

During May 2020 in the strong COVID period a complete and fully satisfactory start-up of a rubber calendering line (dual purpose fabric and steel cord calenderline based on a 4 roll calender 610x1800 mm S - HYDROPLUS) located in Far East has been performed. In the view to grant the max. safety both to personnel as well as to machines, first of all a series of video cameras surrounding the unit has been installed, testing the image lag to be absolutely "on time while the button is pushed". Further a preliminary selection of few operators to be involved was set up, having a clear view of the schedule. This is an essential step, in order to create a crew, in which everyone mutually understands each others. Once "ready to go", the first step is to create a VPN connection between parties, which is assured to be safe and stable. Safe, to be sure that no privileged info are skipped, or interruptions happen. Having created a solid base, the next step is performing a complete test of all emergency devices and signals on board. Considering the machine is located about 10.000 KM far from COMERIO ERCOLE headquarter we are proud to say that the commissioning of the complete calenderline has been run with really smooth conditions, reaching a satisfactory result and absolutely without any risks.



What was never considered possible is now possible!



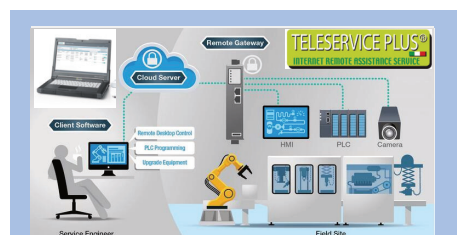
CE-TELESERVICE PLUS

COMERIO ERCOLE based on Industry 4.0 concept strongly invested in all digital infrastructures and tools related to remote of machine-monitoring capabilities in the rubber industry. A new "Remote Control Room" at COMERIO ERCOLE headquarter has been successfully opened and put into full operation with a skilled team to properly support all our customers around the world.



REMOTE TELESERVICE

What was never considered possible is now possible! Based on COVID experience concerning remote control and monitoring, COMERIO ERCOLE has already planned a list of further improvement in the next months (around additional 350.000 euro have been approved for 2020 new investment): all this considering this kind of activity basilar for the future management of all industrial activities and expecting a strong increase in demand of remote monitoring service from all our rubber-product manufacturers.



DIGITAL Infrastructure

COMERIO ERCOLE standard is based on the use of SIEMENS SINEMA REMOTE CONNECT and the proper VPN GATEWAY SCALANCE S615. Various IP subnets are connected to the S615 between which the integrated firewall checks communication. This allows the communication of the service technician to be restricted to a specific IP subnet. SINEMA ensures secured management of tunnel connections between headquarters, service technicians and the installed machines or plants.