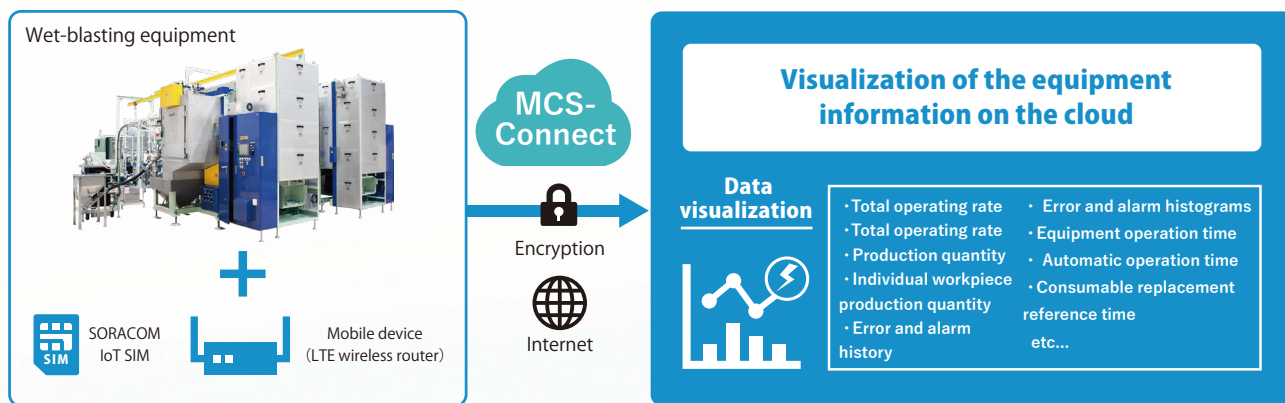


Visualization of the operating status to achieve stable production

Cloud-based customer support service [MCS-Connect]

[MCS-Connect / Macoho Customer Success-Connect] is Macoho's cloud-based customer support service that connects your Macoho equipment and PC with Macoho's PC via the Internet to allow you to visually monitor the operating status of your equipment with data visualization.

Macoho connects with you through [MCS-Connect] to ensure that your Macoho equipment operates as planned at your production site. [MCS-Connect] shows numerical operating data to be shared with you, providing necessary information for troubleshooting, indicating preventive maintenance to keep production running, and letting you know the conditions for manufacturing good products, all of which help maximize the value of your equipment.



【Introduction effects】

Improved operating rate

MCS-Connect can improve the operating status of the equipment by analyzing the status to identify factors that cause problems such as production losses.



Preventive maintenance of equipment

Since MCS-Connect visualizes the operating hours of parts and indicates necessary parts replacement at any time, you can perform preventive maintenance to avoid sudden problems.



Remote operation

On your behalf, our technicians can operate remotely to find the exact cause of the problem.



【Standard】

DASH BOARD / Viewing monitor displaying the operating status of wet-blasting equipment on the cloud		
Operating rate	Total operating rate	Automatic operation time / Power-on hours
	Equipment operating rate	Processing time / Automatic operation time
	Production quantity	Production quantity per hour
	Operating status	Error time + Automatic operation time + Power-on hours
Production information	Individual workpiece production quantity	Air pressure, takt time, number of processing times, processing time, speed
Error history	Error and alarm history	Date and time of occurrence, error & alarm names and codes
	Error and alarm histograms	Error name and code, number of errors
Maintenance time	Equipment operation time	Totalized operation time
	Automatic operation time	Totalized automatic operation time
	Maintenance	Forecast and alarm for pumps, nozzles, batteries, guns, etc.

REMOTE / Function that allows our technicians to remotely operate your PLC through the IoT network		
Diagnosis	Touch panel	Data collection in the touch panel
	PLC	Investigation of the cause of the malfunction
Change/Correction	Maintenance	PLC / Touch panel maintenance
	Modification	PLC / Touch panel program modification

【Option】

REPORT / We will visualize the monthly operation data in graphs on your behalf and indicate the points to be improved.		
Operating rate	Error and alarm occurrence status	Graphing by day within the month
	Equipment operating rate	
	Production quantity	
Error and alarm occurrence status	Occurrence frequency classified by error type	Occurrence frequency within the month (No. of times)
	Occurrence frequency classified by alarm type	
operation time	Equipment	Remaining time before monthly maintenance
	Automatic operation	
	Maintenance	
Special notes	Trend in errors	Trend in the frequency of errors (monthly for 6 months)
Production loss time	Downtime due to errors	Time until operation resumes after an error occurs during automatic operation (daily)