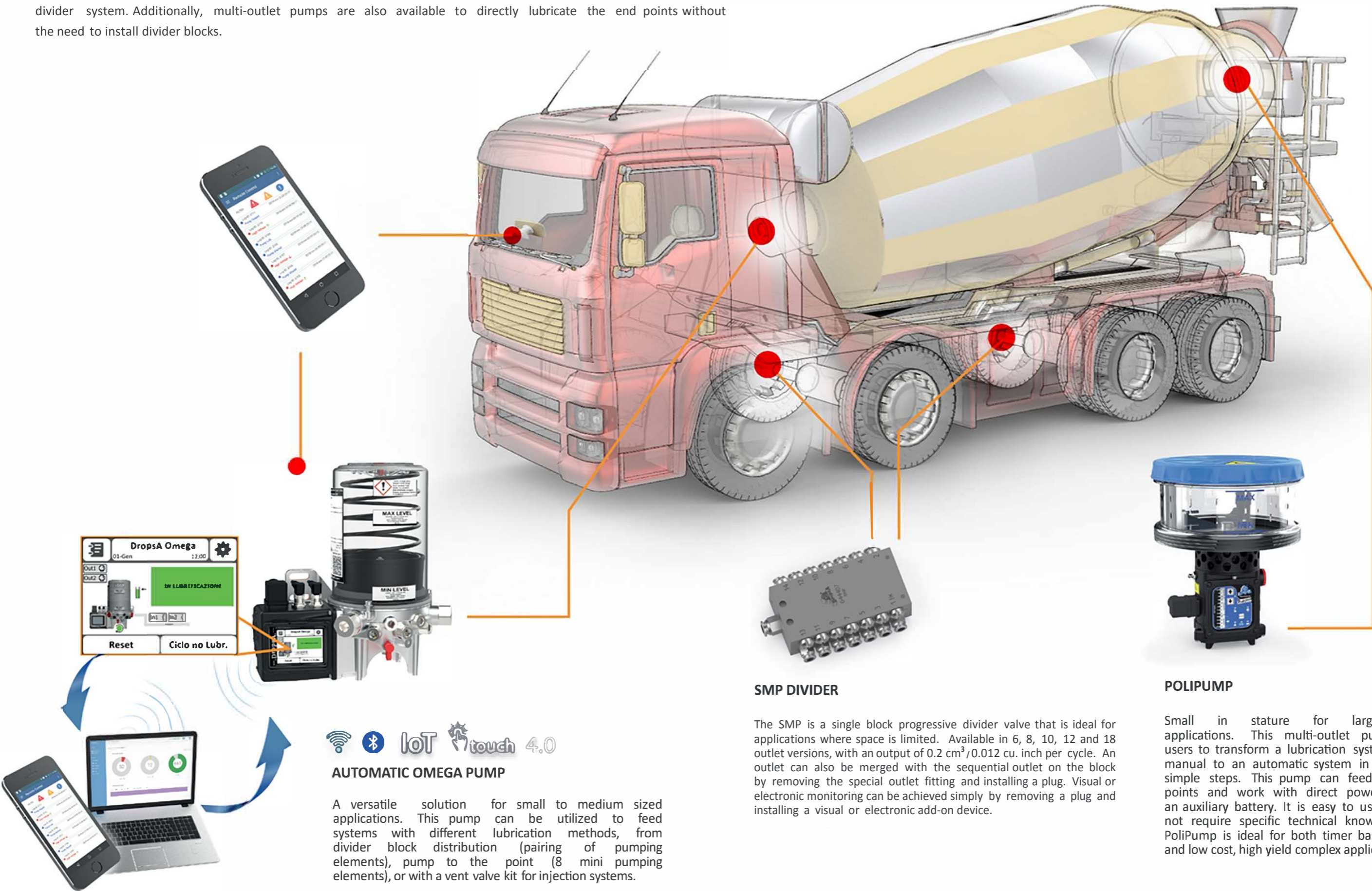


## **TRANSPORTATION: EQUIPMENT AND INFRASTRUCTURES**



Grease lubrication on transport equipment is mainly used for gears, bearings, junctions, and joints. DropsA's automatic systems can be implemented with a single outlet electric pump and a progressive divider system. Additionally, multi-outlet pumps are also available to directly lubricate the end points without the need to install divider blocks.





### AUTOMATIC OMEGA PUMP

A versatile solution for small to medium sized applications. This pump can be utilized to feed systems with different lubrication methods, from divider block distribution (pairing of pumping elements), pump to the point (8 mini pumping elements), or with a vent valve kit for injection systems.

### SMP DIVIDER

The SMP is a single block progressive divider valve that is ideal for applications where space is limited. Available in 6, 8, 10, 12 and 18 outlet versions, with an output of 0.2 cm<sup>3</sup>/0.012 cu. inch per cycle. An outlet can also be merged with the sequential outlet on the block by removing the special outlet fitting and installing a plug. Visual or electronic monitoring can be achieved simply by removing a plug and installing a visual or electronic add-on device.

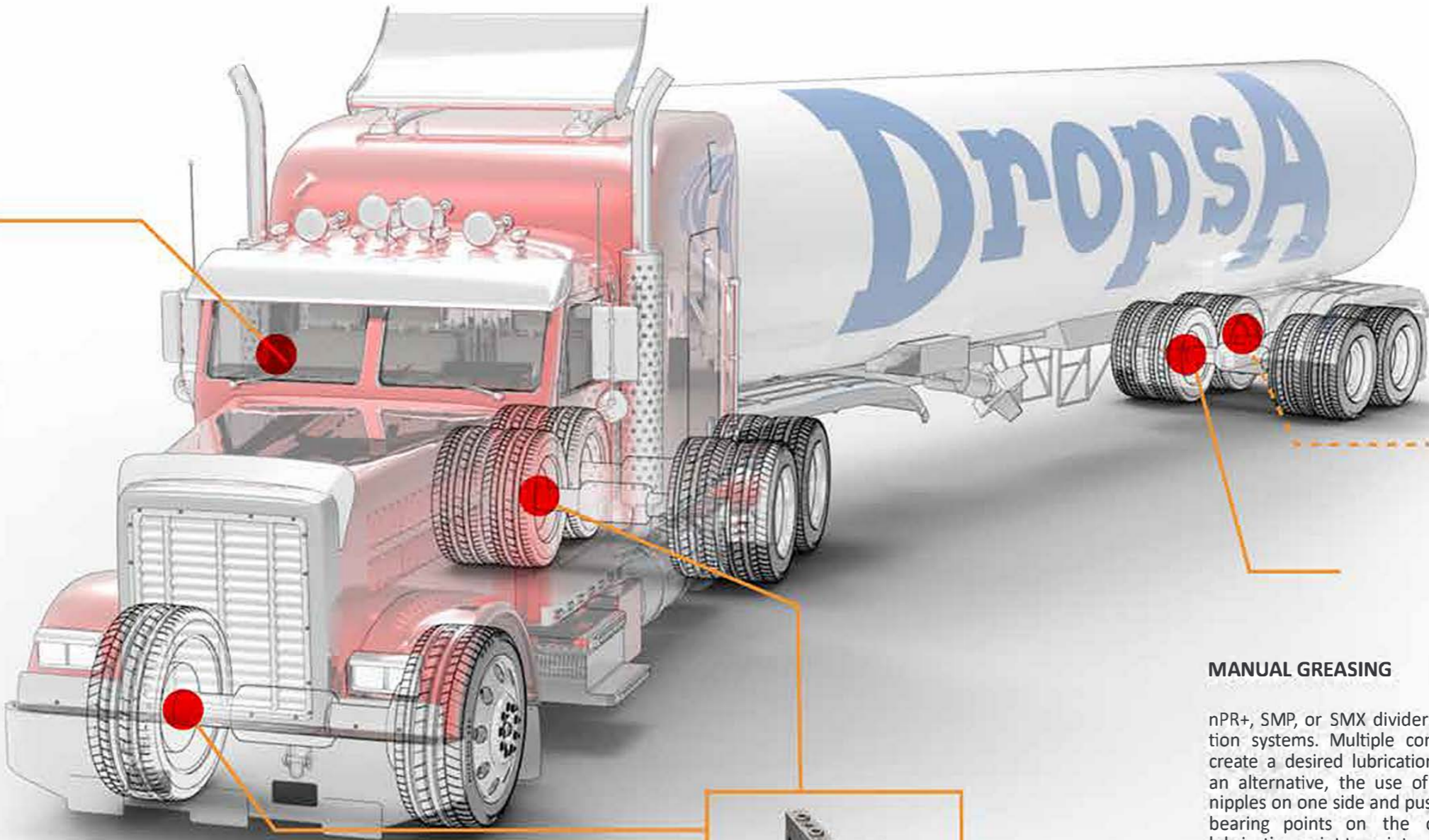
### POLIPUMP

Small in stature for large grease applications. This multi-outlet pump allows users to transform a lubrication system from a manual to an automatic system in just a few simple steps. This pump can feed up to 35 points and work with direct power and / or an auxiliary battery. It is easy to use and does not require specific technical knowledge. The PoliPump is ideal for both timer based systems and low cost, high yield complex applications.



Grease lubrication on transport machines is mainly used for gears, bearings, junctions and joints. These systems, which are usually automatic and controlled / monitored from the cab, can be implemented with a single outlet electric pump and a progressive divider system. Furthermore, a multi-outlet pump can be utilized to directly reach the end points without the need of divider blocks.

LIGHTED BUTTON



MANUAL GREASING

nPR+, SMP, or SMX dividers are also used for manual lubrication systems. Multiple configurations can be engineered to create a desired lubrication solution with a manual pump. As an alternative, the use of manifolds with straight, or 90° , nipples on one side and push-in fittings with nylon tubing to the bearing points on the other side, can achieve manual lubrication point to point.

BRAVO PUMP

An electric pump designed to work with up to three pumping elements, with or without internal by-pass. Designed to work with progressive dividers, this pump can feed several independent lines. Combining the pumping outputs will increase the generated flow up to a factor of three. This pump is available in two versions: manual (controlled by external PLC) or automatic with dedicated, internal control system.



nPR+ DIVIDER

The nano-Progressive Replaceable dividers are the ideal solution for oil and grease lubrication in applications that require small and precise quantities of lubricant in a compact, solid design. The NPR+ uses the innovative "rail & lock" concept that allows the element to be replaced, or moved, without the need to completely dismantle the assembly. This innovation allows a single element of an assembled divider to be modified or replaced. The compact size makes them particularly suitable for use in limited space.

Automatic Lubrication: Optimization of Costs and Reduced Down Time



The use of lubrication systems is essential for machine operation, even more so when the operation functions in heavy duty environmental conditions experienced in the transport industry. The installation of an automatic lubrication system allows for reduced machine downtime, control of lubricant consumption, and the increased life of bearings, chains, and gears. Knowledge from years of experience and a widespread network of offices and dealers worldwide, DropsA provides specific solutions for all lubrication needs, including customer defined projects to installation, and after-sales support. The solutions proposed for the transport sector are applicable on the various machine types:



Semi Trucks



Cement Mixers



Trucks



Dump Trucks



Sweepers



Garbage trucks

Sistems Solutions



TOTAL LOSS LUBRICATION



GREASE LUBRICATION



AIR/OIL LUBRICATION



OIL RECIRCULATION LUBRICATION



MQL - NEAR DRY MACHINING LUBRICATION

DropsA

Since 1946, DropsA has been producing centralized lubrication systems and components, along with continuously developing new products, and patents, that have contributed to making the lubrication sector, all over the world, more innovative and competitive.

DropsA offers a vast range of products capable of maximizing the profitability and productivity of all machinery, providing the latest technologies in terms of systems, functionality, and components. Thanks to the branches and the specialized distribution channels, DropsA provides prompt responses, support, and assistance to customers on a local and global level, guaranteeing consistent high quality standards all over the world.



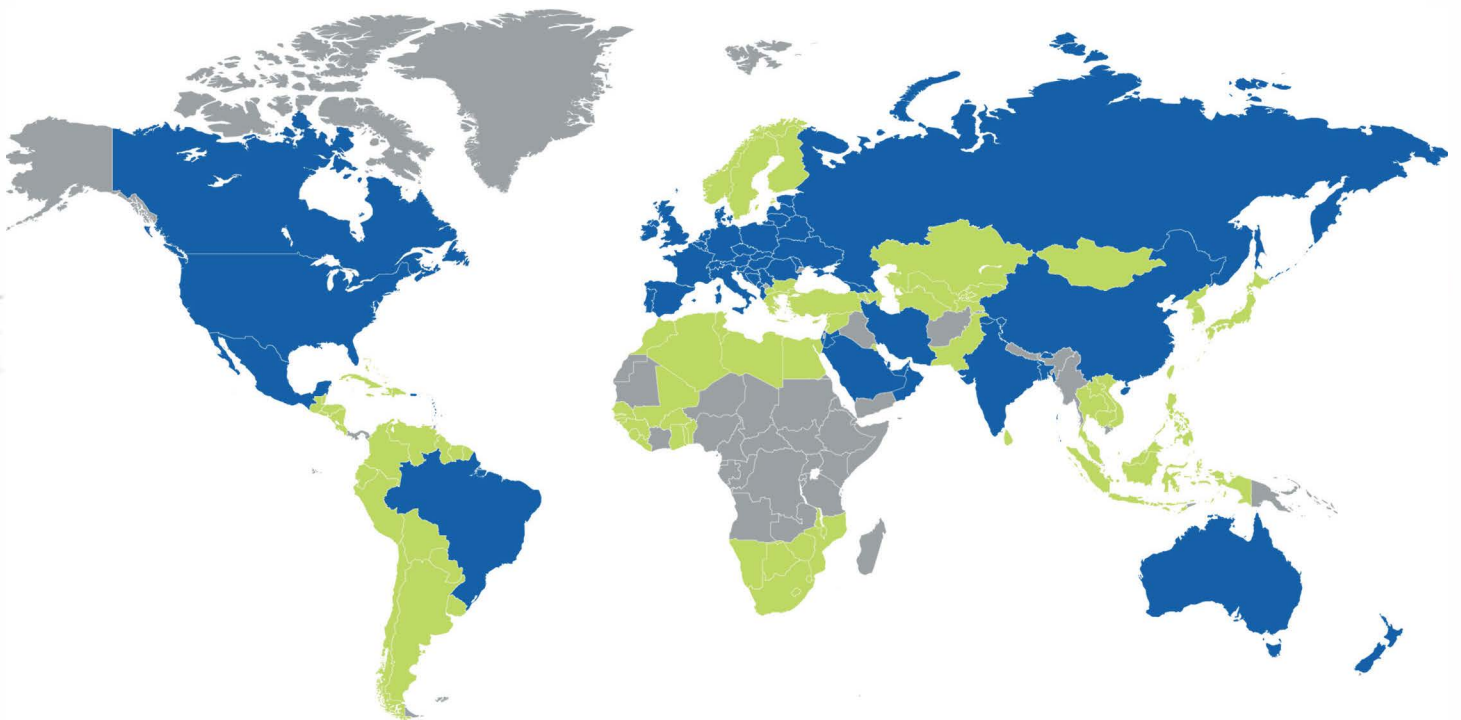
DropsA Production

The production, processing, and automated assembly systems utilized in DropsA's central plant, near Milan, are equipped with an advanced quality monitoring, and product traceability system, in order to guarantee both highly efficient processing and product assembly that accurately reflects all technical specifications. Continuous investments in all areas of design, engineering, and production of the products ensure a constant improvement in the reliability of the products themselves.





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