

Higher Quality at Faster Speeds, through the Entire Product Lifecycle.

Quality Solutions for Every Application

Averna is a global test, quality, and assembly solutions provider. They design and build fully customized test, measurement, assembly, and inspection systems for R&D through to repair. These systems are a refined mixture of software, instrumentation, electronics, mechanics, hydraulics, and optics. They support unique processes and individual manufacturing methods allowing clients to produce their products at the highest quality. By working with customers in a transparent and innovative way from scope definition to feasibility studies up to the final delivery, these solutions integrate seamlessly in the customers' environment.

Reliable & Repeatable Results

An increasingly stringent quality control system is essential to any successful business strategy. Test and measurement equipment are indispensable tools to achieve this goal. As devices are becoming smaller they need better inspection tools. It is becoming increasingly difficult for operators to inspect or assemble tiny components correctly, with any consistency. Averna's machine vision inspection and assembly designs alleviate this burden while producing higher end-product quality. Few parts end up rejected, achieving a higher yield. Costs significantly decrease as quality improves at much faster speeds.



The Right Expertise

With over 300 engineers in-house, our experts focus in vision & optics, RF, software, robotics, hardware, and mechanical engineering innovations. By working closely with our technology partners including NI, MVTec Software GmbH, Keysight, JOT Automation, PTC ThingWorx, and others, a complete solution is never far away.

Worldwide Support

Averna has 9 offices worldwide with an additional support network to accommodate customers anywhere in the world.



Averna designs and builds solutions through product development, manufacturing, and repair.

Some examples:

- Automated testing solutions;
- MEMS testing;
- Machine vision systems from fast label inspection to complex defect detection, to precision assembly;
- PCB functional testing;
- Active alignment assembly tools;
- RF testing and signal generation with record and playback;
- Products for infotainment unit testing;
- Products for DOCSIS 3.0 and 3.1 testing;
- Smart data management for Industry 4.0;
- And more...