

## Energy Efficient and Future-Proof



**Highest energy efficiency**

**Secure state subsidies**

**Conspicuous cost savings**

**Support climate goals**

**Confidently pass energy audits**

**Strengthen a competitive edge**



**//** *Within the context of implementing Energy Efficiency Directive 2012/27/EU here at Viscom, we have achieved transparency for our energy consumption. Based on our effective determination of all energy efficiency potentials, we realize appropriate, deliberate measures for long-term, company-wide reductions in energy use.*

Achim Raths, delegated representative for energy management, Viscom AG



*40 % of the energy consumed worldwide is electrical energy. This share is expected to increase to 60 % by 2040. In response, tremendous efforts have been undertaken to make materials, electronics and entire manufacturing processes more energy efficient.*

### **Even electronics have an ecological footprint**

Complex electronics have arrived in nearly all areas of social life. Where energy efficiency is concerned, it is not only the products themselves, but also the manufacturing and processing chains behind them that are now up for review.

### **Inspection brings sustained process improvement**

One of the ways that systems for quality assurance, such as those for optical and X-ray inspections, ensure that energy is conserved in the production process is by performing their task of detecting defects at an early stage and thus avoiding rejects. With intelligent inspection systems, the process can be analyzed with deliberation and further optimized.

### **Our contribution**

Solutions and developments directed toward ever higher efficiency lower costs, strengthen competitiveness and make a decisive contribution to reaching climate protection goals. Customers can already benefit from federal subsidy programs by investing in inspection systems from Viscom, because from the earliest stages of their conception, Viscom takes care to attain the highest energy efficiency possible. This is demonstrated, for example, by the processing of more efficient control electronics as well as in the optimization of illumination technology relying on LEDs and the utilization of performance-optimized system computers.