

# Shaping the future together!



*"Ideas are tiny creatures  
which, as soon as they see the light of the world,  
need to be nourished and cherished  
for they can grow up, learn to walk and possibly even soon being able to fly."*

**HTV**



**“You can recognize a really good idea by the fact that its implementation seems impossible in the first place.”**

Albert Einstein formulated this idea almost 100 years ago. For us it became the leitmotiv of our actions. Always in search of something new – this philosophy significantly contributes to the success of the HTV group of companies. It fascinates us to discover and invent things.

This passion inspired us in 1986 to the foundation of the company. Since then HTV developed to one of the world’s largest test houses and programming centers for electronic components. Numerous worldwide unique methods developed in our research departments:

### Our worldwide unique methods

- **TAB® – Long-Term Conservation of electronic components and complete devices for currently up to 50 years**
  - Components remain available for decades also after end-of-life announcement
  - Spare parts supply for high-quality and long lasting products is secured
- **HTV - NovaTIN®-method for the retiling of corroded components**
  - existing, old component inventories will be available again and also solderable
  - the existing tin layer including the inter-metallic phase is accurately removed and a stable solderable pure-tin layer is built
- **HTV - DIE-Layering®-procedure Fault analyses at die level due to high-precision selective removal of chip layers**
  - rapid analysis of production defects
  - detailed conclusions for process optimizations
- **HTV - revivec®-method for the elimination of component oxidation and organic residues**
  - organic and inorganic effects such as oxide layers, corrosive areas and diverse impurities are carefully removed

**“My son, enjoy doing business during the day, but only the kind of business that allows us to sleep peacefully at night.”**

This citation from Thomas Mann is also perfectly in line with our attitudes. HTV is synonymous for innovation, creativity and visions associated with performance, courage, optimism and fairness. Traditional values such as honour, decency and trust form the basis for this.

New concepts and ideas are the fundamentals for our services which range from extensive analyses of components or assemblies through complex processes such as long-term conservation of electronic components.

**Decency**

**Fairness**

**Success  
Performance**

## Creating novelties from the existing!

We watch the market with foresight and recognize future demands at an early stage. From this we develop new concepts and services.

- Acquisition of MAF GmbH (Frankfurt/Oder), service provider for packaging.

From chip development via testing through to the completely packaged component:

*Everything completely from one source!*

- Acquisition of programming machine manufacturer ERTEC GmbH (Erlangen).

Inhouse development of programming algorithms + HTV programming capacity of more than 750,000 parts per day:

*Fastest support of series quantities for latest component technologies!*

- On-Site Programming®

HTV-programming directly on-site at customer's facilities.

*Programming by the professional in your own facility!*



*Eagle + Tiger = Eager®*

- Development of most modern programming machines and programming concepts on the basis of decades of experience in component programming:

- The fully-automated high-tech programming machine "Tiger" is characterized by uncomparable high speed and precision.

- Worldwide unique compact programming robot "Luchs" specifically developed according to economical and ecological aspects for complete traceability, for example in case of safety-relevant applications.

*Benefit from know-how and speed!*

### Our code of success

- **Absolute customer orientation**

Means to us uncompromising quality

- **We always want to be a step ahead than it is expected of us**

Eagerness is the motivation for own research and development

- **To stand behind the company with all power**

Our employees identify themselves with the goals and values

- **Participation in success**

Outstanding employees become partners in the companies

- **Making clear, unambiguous statements**

One can rely on our word

- **Courage to change**

Space and time for innovations

- **Quick decisions**

Flexibility creates a competitive edge

- **High degree of freedom for employees**

Room for development of ideas

- **Encouraging spontaneity**

Curiosity and lateral thinking are lived

**Optimism**  
**Trust**

**Honour**

**Courage**

**Future**

# Shaping the future together!

Unique procedures, outstanding service as well as people at eye level who take care of the optimal implementation of your wishes create the atmosphere for a longstanding partnership.

Distinctiveness and uniqueness are achieved by synergies thus arising and provide inimitability!



*Let us together  
seek solutions for the  
seemingly impossible!  
We will find a way,  
definitely!*

*Your HTV-Team*

## OUR COMPETENCE:

- Test House
- Programming Service
- Long-Term Conservation
- Analytics
- Packaging



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