



HTL Co. (India) Pvt. Ltd.

## Company Profile

ISO 9001:2015 Certified Company



### Contact us:

**Website:** [www.htlco.co.in](http://www.htlco.co.in) **Email ID:** [sales@htlco.co.in](mailto:sales@htlco.co.in)

**Registered Head office:** No.451, 3<sup>rd</sup> Floor, 17<sup>th</sup> Cross, HSR Layout, 4<sup>th</sup> Sector, Bengaluru-560102 INDIA Tel: +91 80 2572 0144

**Branch office:** G.P.Trionics Building, Y-17, EP-Block , 2<sup>nd</sup> Floor, Sector-V, Salt Lake, Kolkata West Bengal 700091 INDIA Tel: +91 33 4072 5050

**Parent Company:** HTL Co. Japan Ltd. Techno Bldg.3F, 2-16-6 Akebono-cho, Tachikawa city, Tokyo 190-0012 Japan Tel: +81 42 523 871 Web: [www.htlco.co.jp](http://www.htlco.co.jp)

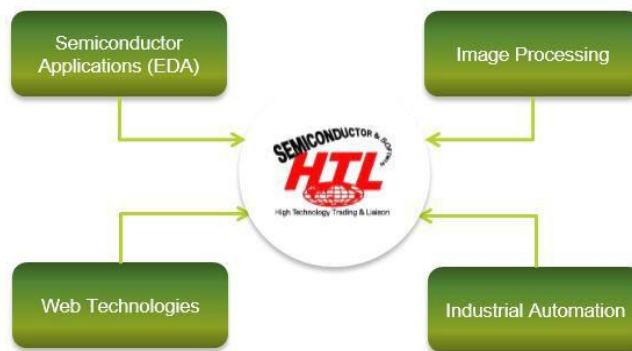
# Software Business

**“Commit to meet** customer requirements at all times by delivering high Quality products & innovative solutions on time using leading edge technologies and offer cost effective solutions through continuous improvement in the processes and practices to enhance customer satisfaction.”

## Software Services



## Technology Areas



## Competencies

Semiconductor (EDA)	Web Application	Image Processing	Industrial Automation
<b>Expertise Areas</b> <ul style="list-style-type: none"> <li>- Data Format Convertors</li> <li>- Algorithm Design</li> <li>- EDA Tool Development</li> <li>- GUI Development</li> <li>- Computational Geometry</li> <li>- Artificial Intelligence / ML</li> </ul>	<b>Expertise Areas</b> <ul style="list-style-type: none"> <li>- Ecommerce</li> <li>- Single Page Applications</li> <li>- Content Management Applications</li> <li>- Full Stack Applications</li> </ul>	<b>Expertise Areas</b> <ul style="list-style-type: none"> <li>- Image Analysis</li> <li>- Image filtering</li> <li>- Still / Motion Picture</li> <li>- ...</li> </ul> Libraries: OpenCV, Cairo, Matrox, ImageMagick, FVL	<b>Expertise Areas</b> <ul style="list-style-type: none"> <li>- SCADA</li> <li>- DCS</li> <li>- PLC</li> </ul>

## Competitive Advantages

- ⊕ Technological Leadership
- ⊕ Advanced Solutions
- ⊕ Integrating and delivering complex projects
- ⊕ Strong and enduring customer relationships
- ⊕ Quick turnaround time
- ⊕ Japanese Quality Standards employed

## Commonly Used Commercial Alloys

### Laser Deposition Technology (LDT)

- Laser Cladding (LCT)
- Laser Repair (LRT)
- Laser Freeform Manufacturing (LFMT)

Commonly Used Commercial Alloys							
Material Group	Material	Compatible With		Material Group	Material	Compatible With	
		Repair/Cladding	Freeform Manufacturing			Repair/Cladding	Freeform Manufacturing
Titanium Alloys	Ti-6Al-4V	Yes	Yes	Nickel Alloys	CP Nickel	Yes	No
	CP Ti	Yes	Yes		Inconel 617	Yes	Yes
	Ti-6-2-4-2	Yes	Yes		Inconel 625	Yes	Yes
Steel Alloys	304 SS	Yes	Yes		Inconel 718	Yes	Yes
	316 SS	Yes	Yes		Inconel 722	Yes	Yes
	410 SS	Yes	Yes		Haynes 230	Yes	Yes
	420 SS	Yes	Yes		Haynes 188	Yes	Yes
	13-8	Yes	Yes		Hastelloy X	Yes	Yes
	15-5	Yes	Yes		Monel K500	Yes	Yes
	17-4	Yes	Yes		Cobalt Alloys	Stellite 6	Yes
	H13	Yes	No	Stellite 21		Yes	Yes
	S7	Yes	No	Cobalt-Chromium		Yes	Yes
	Invar 36	Yes	Yes	Tungsten Carbide		WC-Ni	Yes
Aluminum	4047	Yes	No		WC-Co	Yes	No

NOTE: Not all materials possible are listed here. Additional materials are in development

535 Chamber Design



222 Chamber Design



557 Chamber Design



Silicon stamps/molds



Compact Nanoimprint (CNI)