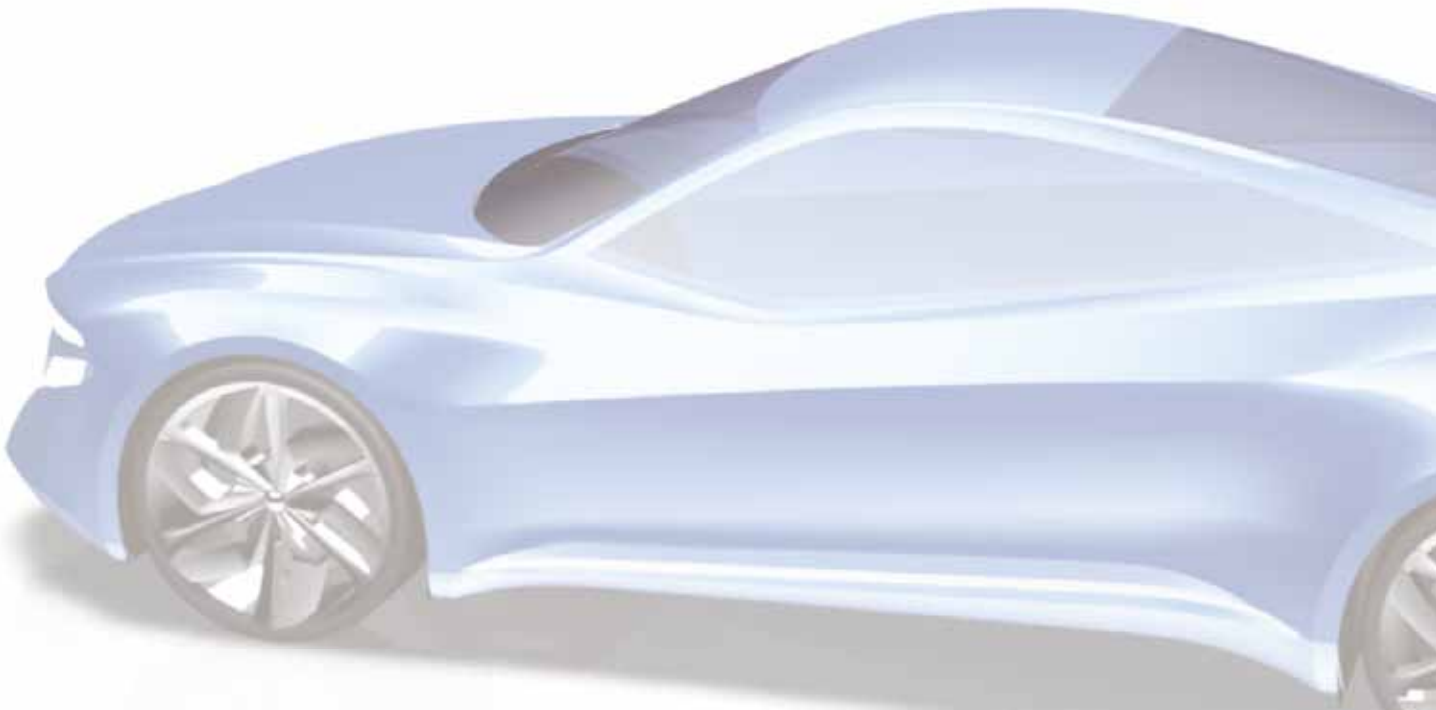


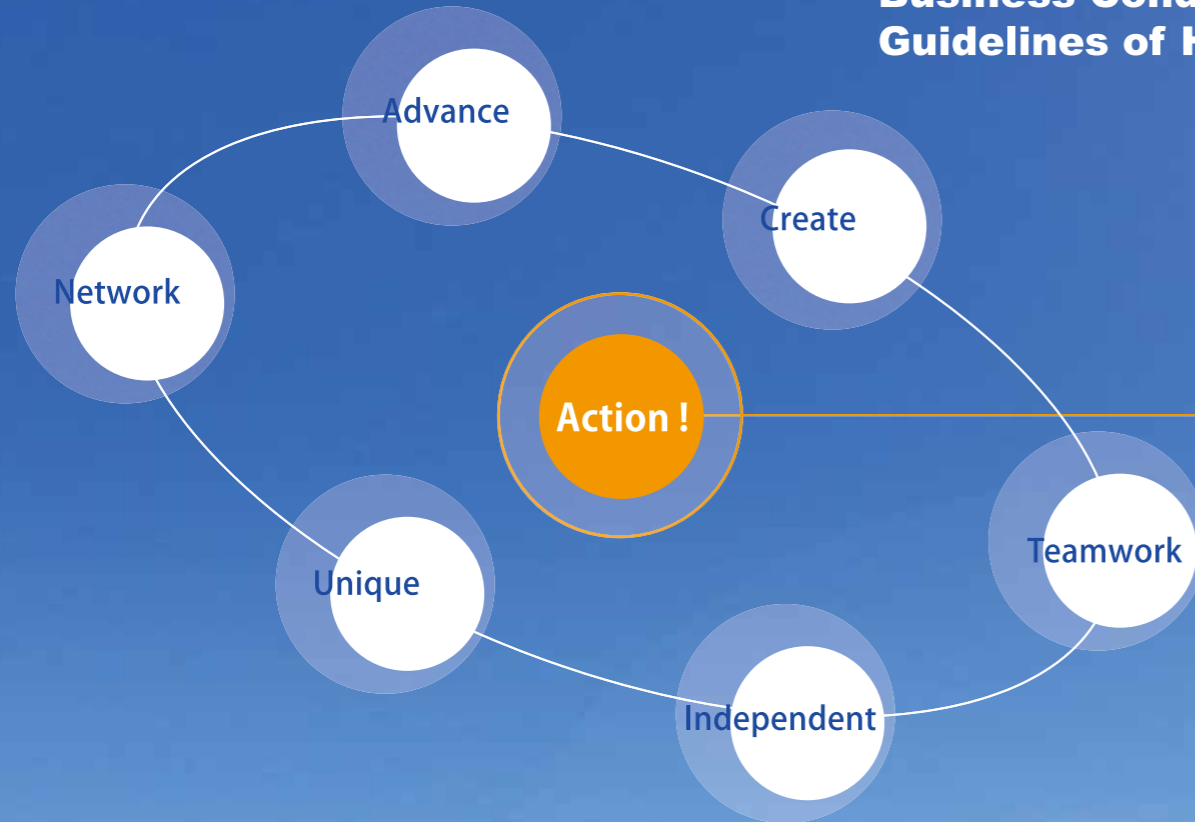


## **HIVEC Inc.**

Hiroshima Vehicle Engineering Company



## Business Conduct Guidelines of HIVEC



### Management Principles

1. Contribute to satisfaction of every customer and employee happiness.
2. Try to improve our engineering skill, considering marketability.
3. Develop human resources with the inquiring and challenging mind to pursue new technique.
4. Perform the service actively based on the latest and accurate information.
5. Aim for the top company in the industry strongly.

### Quality Policy

We always improve our skill and provide precise services to satisfy customers, and aim to gain our customers high evaluation and trust by constant improvement.

#### 1. Improving our technology

We provide high quality technologies and services to satisfy customer requirements by responding the change of market and improving our technology.

#### 2. Emphasizing customer satisfaction

We make effort continuously to increase customer satisfaction by improving our technologies and services.

#### 3. Executing and improving quality management system

We aim to receive higher evaluation and build customer trust further by improving effectiveness of quality management system.



# MAKING HIROSHIMA A BASE FOR AUTOMOTIVE DESIGN AND DEVELOPMENT!

The automotive industry is presently experiencing a world-side shortage of development resources, and there has been expansion in outsourcing automotive development. Additionally, in emerging automotive nations, major area of business is advancing from production itself into product development sectors. Basing upon this tendency, preparations have been implemented by automotive related enterprises with the strong desire of "Making Hiroshima a base for automotive development in Asia". These preparations have resulted in the establishment of the automotive development company, HIVEC Inc., in May 2003. HIVEC has aimed to establish development system which accepts orders from automobile and parts manufacturers throughout the world for automobiles along with the combination of technical designs and prototypes, by assembling automobile-related technology and high skilled engineers in Hiroshima. Today, HIVEC has established system that can conduct automotive works ranging from design to mass production preparations. In addition, we are expanding our business field to railway vehicle and agricultural machinery by using our know-how of automotive development. We are trying to enter airplane development business, and aiming the synthetic engineering company in the future. HIVEC will strive forward aiming at "the global automotive development company" with our collaboration companies and our subsidiary in India, and contribute to our customers and the society.

HIVEC alone can conduct automotive works ranging from design to production technical support.

## HIVEC's Business Area

- Hiroshima **Main Design Center**
- Tokyo **Tokyo Design Center**
- Chennai **HIVEC RHINO TECHNOLOGIES**

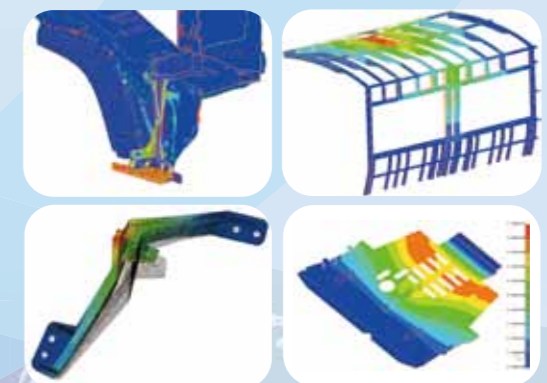
### Design



### Engineering



### Analysis



### Prototype



### Vehicle testing

### Tooling engineering



### Tooling production



### Mass production



### Production technical support



★ Chennai

★ Tokyo  
★ Hiroshima





# Japanese Alliance Companies

HIVEC can respond customer's demands by receiving orders with our alliance companies.



# HIVEC's Action

We act looking ahead to the future.



## Development Convert EV

We have completed a prototype EV (electric vehicle) conversion as our first model. We accumulate EV technology and built relationship with industrial sectors through making EV and using as our company car.



## Benchmark for Railway Vehicle

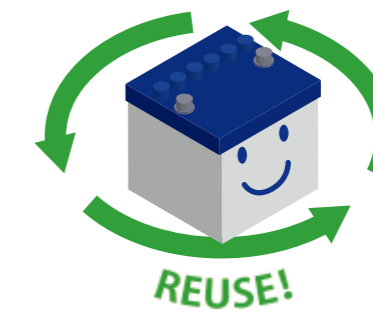
We aim speedy design and development for various projects through collecting the latest information about overseas railway vehicle around the world.

# Yes, We Can!



## CAD School and Examination

We build human resources with high skill for 3DCAD by providing our practical know-how of cultivated through automotive development.



## Contribution to Recycling-based Society

We contribute to Recycling-based Society through promotion of effective resources use. As a first step, we proceed productization of regenerative apparatus of battery.

# International Engineering Collaboration

We can execute effective development matching versatile needs from all around the world.

■ HIVEC's Bases  
■ Overseas Alliance Companies  
● Overseas Clients

- We can develop products to match diversified needs in respective markets.
- We can develop products to securely incorporate all the regulations, market trends, etc. of respective markets.
- We can develop products with high quality in short period and inexpensive cost.

bule engineering & design	Turin, Italy	<a href="http://www.blue-group.it/">http://www.blue-group.it/</a>
TJ Innova Engineering & Technology Co., Ltd.	Shanghai, China	<a href="http://www.tji.cn/">http://www.tji.cn/</a>
JAPAN TOOL SERVICE	Moscow, Russia	<a href="http://www.jtools.biz/">http://www.jtools.biz/</a>

We have established its own international engineering collaboration network among its collaborated companies, TJInnova in China, blue engineering in Italy, including marketing consultant in Russia, and EDAG in Germany through EDAG Japan.

# Main Design Center

Under our reliable concealment security, clients can place orders by feeling reassured.



## Reliable concealment security

- Recording images of visitors to Design Center through surveillance cameras.
- At the time of logging in PC or CAD, the users have the access only after being identified by the IC chips.
- Entrance to Computer Server Room or the Technical Data Library is limited only for those who are given additional passwords to.

## Substantial Development Environment

## Network and Access

Cooperation with Academic and Research Facilities

HIVEC's Main Design Center is surrounded by plural numbers of universities and neighbored by Hiroshima Prefectural Science Park for possibilities of building up collaboration network between industry and the academic world.

## Cooperation with Alliance Companies

With many of our alliance companies in this Higashihiroshima area, we will attain shorter period of development and further firming up the alliance.

## Access

Main Design Center has excellent traffic access to Hiroshima Airport, Bullet Train Station, Sanyo Expressway and so on for faster connections with our clients.

## Development Tools

We develop the most suitable tool and personnel organization according to demand of client.

Engineering	3D CAD	NX CATIA-V5 Solid Works iCAD MX Autodesk Inventor
	2D CAD	Autodesk AutoCAD
Analysis		NX iCAD MX
Design	3D CAD	Autodesk Alias
	2D	Adobe Illustrator Adobe Photoshop

# Greetings



**Takashi Shimizu**  
President of  
HIVEC Inc.

HIVEC Inc. was formed in May 2003, through the combination of Hiroshima City and local automotive enterprises, under the key phrase of "Making Hiroshima a base for automotive development in Asia". HIVEC is automotive development company with a new and unique concept which is not belongs with any automobile manufactures company.

Since the establishment time, by the basis of the warm support of all of you and by daring employee challenge power, we built up the collective trustee business system of coherent duties from development to production preparations, and now, we grew up and receiving high trust and considerable appraisal from domestic and overseas customers.

In the recent time, HIVEC is extending and enlarge the business field to railway vehicle and agricultural machinery by using the know-how from the development of the automobile, we are receiving high evaluation from customers in this field.

In these days, the automotive industry is rapidly accelerating its globalization with relation to rapid development of developing countries. To respond this globalization, we established our first overseas Subsidiary in India on May 2013. We promote further opening overseas offices in the future, and we seek with ardently endeavors of all employees for the realization of HIVEC as one of the eminent world wide global companies to meet a demand of domestic and foreign customers of the automobile manufactures company and automobile parts company. HIVEC is aiming the company which is synthesis engineering firm company at the axis of automotive development technique with all of energetic staffs always.

HIVEC defines the year 2013 which we have the 10th anniversary of its foundation as "A year of progress for next stage", and we tries to improve a technique for the spirit of inquiry and challenge mind in search of a new technique, and we will strive forward aiming at a cooperation to contribute to the society through the guidance from our customers by improving our technology and to obtain further improvement of the customer's satisfaction.

## About Logo



The round symbol mark shapes the "H" of Hiroshima and the gradation of the blue water color expresses the state that technology of HIVEC spreads to the world.

## ISO9001



HIVEC Main Design Center acquired ISO9001:2008 certification, the international standards for quality management system.  
Scope of registration: Design and development of automobiles, trains, and the other machinery and equipment

## IT Management



HIVEC was awarded "Certified IT Management Company" of the IT Management Awards for Small and Medium Enterprises 2012 by the Ministry of Economy, Trade and Industry. We were recognized our efforts to conduct IT management exceed the specified standards.

# Alliance Companies

C-COM CO., LTD.	<a href="http://www.c-com.ne.jp/">http://www.c-com.ne.jp/</a>	Masue Iron Works Co., Ltd.	<a href="http://www.masue.co.jp/">http://www.masue.co.jp/</a>
DaikyoNishikawa Corporation	<a href="http://www.daikyonishikawa.co.jp/">http://www.daikyonishikawa.co.jp/</a>	OAProto Corporation	<a href="http://www.oaproto.com/">http://www.oaproto.com/</a>
FUJI KIKAI KOGYO Co., Ltd.	<a href="http://www.fujikikai.co.jp/">http://www.fujikikai.co.jp/</a>	Ondo Corporation	<a href="http://www.ondo.co.jp/">http://www.ondo.co.jp/</a>
FUTABA KOGYO CO., LTD.	<a href="http://www.y-futaba.co.jp/">http://www.y-futaba.co.jp/</a>	PRESS KOGYO CO., LTD.	<a href="http://www.presskogyo.co.jp/">http://www.presskogyo.co.jp/</a>
GK Design Soken Hiroshima Inc.	<a href="http://www.gk-design.co.jp/dsh/">http://www.gk-design.co.jp/dsh/</a>	Sakurai Kikai Co., Ltd.	<a href="http://www.sakurai-kikai.co.jp/">http://www.sakurai-kikai.co.jp/</a>
HIROTANI Co., Ltd.	<a href="http://www.hirotani.co.jp/">http://www.hirotani.co.jp/</a>	Sumitomo Corporation	<a href="http://www.sumitomocorp.co.jp/">http://www.sumitomocorp.co.jp/</a>
HIROTEC Corporation	<a href="http://www.hirotec.co.jp/">http://www.hirotec.co.jp/</a>	Y-tec Co., Ltd	<a href="http://www.ytec-gr.co.jp/">http://www.ytec-gr.co.jp/</a>
Imanishi Manufacturing Co., Ltd.	<a href="http://www.imanishi.co.jp/">http://www.imanishi.co.jp/</a>		

# Company Outline

Company Name	HIVEC Inc.					
Address	Head Office / Main Design Center	2-1-21 Nishiosawa, Higashihiroshima, Hiroshima, Japan				
	Tokyo Design Center	YAGI Bldg. 4th Floor, 4-16-18 Nakacho, Atsugi, Kanagawa, Japan				
Establishment	May 20, 2003					
Capital	262.5 million yen					
Business Contents	<ol style="list-style-type: none"> <li>1. Designing, experiment, prototype, making and manufacturing automobiles, railway and other transportation-related machines and parts</li> <li>2. Planning and production of industrial and commercial designs</li> <li>3. Design and manufacture of molds, jigs, and inspection tools for automobiles and other transport means and equipments</li> <li>4. Technical support for the above business</li> </ol>					
Major Business Partners	Chongqing Changan Automobile Company Limited	MITSUBISHI HEAVY INDUSTRIES, LTD.				
	Daihatsu Motor Co., Ltd.	Nishikawa Rubber CO., LTD.				
	HIROTANI Co., Ltd.	Nissan Motor Co., Ltd.				
	HIROTEC Corporation	Nissan Motor Light Truck Co., Ltd.				
	Hitachi, Ltd.	Nissan shatai Co., Ltd.				
	ISEKI & CO., LTD.	OAProto Corporation				
	KAWASAKI HEAVY INDUSTRIES, LTD.	TOYOTA BODY RESEARCH & DEVELOPMENT Co., LTD.				
	Mazda Engineering & Technology Co., LTD.	Webasto Japan Co., Ltd.				
	Mazda Motor Corporation					
Officers	Adviser Director	Tohhide Deguchi	Director	Eiji Yamanouchi	Auditor	Teruyoshi Samejima
	President	Takashi Shimizu	Director	Yoriyuki Ino	Executive Officer	Osamu Toyokura
	Director	Yukio Ohkawauchi	Director	Masato Uno		
	Director	Masaaki Uchiyama	Director	Hirofumi Imanishi		
Dealing Banks	Japan Finance Corporation	The Bank of Tokyo-Mitsubishi UFJ, Ltd.		Momiji Bank, Ltd.		
	THE YAMAGUCHI BANK, Ltd.	THE SAN-IN GODO BANK, LTD.		The Hiroshima Bank, Ltd.		
	THE IYO BANK, Ltd.					
Subsidiary	HIVEC RHINO TECHNOLOGIES Pvt. Ltd.					

## History

October 2001	Inaugurated "Establishment Preparation Association for Hiroshima Vehicle Engineering Company".
May 2003	Established HIVEC Inc. with capital of 24 million yen.
August 2004	Capital increased to 75 million yen.
February 2005	Executed Technical Services Contract with Chongqing Changan Automobile Company Limited, China.
March 2006	Capital increased to 162.5 million yen.
June 2006	Executed Memoranda for Collaboration with blue engineering, Italy.
June 2006	Executed Memoranda for Collaboration with TJ Innova, China.
September 2006	Executed Marketing Consignment Contract for Russia with JAPAN TOOL SERVICE.
November 2006	Opened Main Design Center in Higashihiroshima, Hiroshima.
February 2007	Capital increased to 262.5 million yen.
September 2007	Main Design Center received "NIKKEI New Office Promotion Award".
May 2008	Opened CAD Engineer Training Course with Human Academy Co., Ltd.
July 2008	Opened Tokyo Design Center in Atsugi, Kanagawa.
March 2011	Convert EV prototype first model Build.
February 2012	Awarded "Certified IT Management Company" by the Ministry of Economy, Trade and Industry.
June 2012	Acquired ISO9001:2008 certification.
May 2013	Established Subsidiary "HIVEC RHINO TECHNOLOGIES Pvt. Ltd." in India.



# HIVEC's Advantages

Our advantages are summed up as follows.

- ✓ Business entity invested by 15 automotive business related companies
- ✓ Integrated technological collaboration in works ranging from design to preparation technology
- ✓ Establishment of international engineering collaboration
- ✓ Main Design Center with reliable concealment security for respective projects
- ✓ Wide range of development results of automotive, railway vehicle and agricultural machinery

- ✓ Capable to develop products with high quality, yet with no retrogression
- ✓ Capable to reduce delivery time and development cost
- ✓ Capable to adjust cooperation scope to customer's request
- ✓ Capable to collaborate with not only Japanese but also Asian and European automotive parts suppliers



**HIVEC Inc.**  
<http://www.hivec.com>

## Head Office / Main Design Center

2-1-21 Nishiosawa, Higashihiroshima, Hiroshima, Japan 739-0037

Phone +81-82-490-0700

Fax +81-82-490-0710

## Tokyo Design Center

YAGI Bldg. 4th Floor, 4-16-18 Nakacho, Atsugi, Kanagawa, Japan 243-0018

Phone +81-46-297-0589

Fax +81-46-297-0585



**HIVEC RHINO TECHNOLOGIES Pvt. Ltd.**  
<http://www.hivecrhino.com>

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Kanchipuram, District, Chennai - 602105, India