



**INTEGRATED
VEHICLE
TECHNOLOGY**
www.ivt-ltd.co.uk

Profile

- ❖ Integrated Vehicle Technology Limited (IVT) was formed in 2000.
- ❖ The company is proud to provide services direct to the Global Transportation and Specialist Vehicle industries and services and products from its internationally-recognised technology and supplier partners
- ❖ The Company is committed to providing innovation, quality, value for money and an enhanced customer service experience.
- ❖ These capabilities, combined with an exceptional technical understanding of materials, performance and processes, have helped define our reputation in the industry
- ❖ Approved supplier to Bombardier, LUL, Brush Traction, Baker Bellfield, Nottingham Scientifics Limited, East Midlands Trains, First Group, London Midland, Loughborough University, Unipart Rail, Grand Central and MTR (Hong Kong)
- ❖ IRIS and ISO 9001 accreditation

Management Team

- ❖ **Steve Ward**
Managing Director
- ❖ **Ian Havercroft**
Commercial Director
- ❖ **Dieter Braun**
Head of Finance
- ❖ **Peter Beeby**
Head of Software Engineering
- ❖ **Ted Claghorn**
Head of North American Sales
- ❖ **Philip Edgington**
IT Director

Services

The capabilities and expertise of **IVT** allows delivery of the following services:

- Project, Commercial and Compliance Management
- Procurement and Logistics
- Design Engineering through to 1st article inspection
- Product Support
- Quality Management

IVT Products

IVT ClearSpace Powered by Prevent X Innovative Anti- Bacterial and Virus Protection

ClearSpace is an innovative solution for use in any Public, Private or Domestic workspace is highly effective in controlling the spread of viruses, including COVID 19.

It can be used on,

**Furniture
Textiles
Leather
Vinyl
Carpets
Glass-Wood-Plastic-Metal-Painted Surfaces**

ClearSpace is simply applied either by direct applying with a microfibre cloth, spraying or fogging, in order to treat an entire area. It is effective for up to 90 days and is simple and quick to apply.

ClearSpace compliments ongoing cleaning regimes and is not affected by normal cleaning or disinfecting

ClearSpace is available in premixed 1 litre spray bottles, or 5 and 20 litre containers

ClearSpace powered by Prevent X is an established product in Aviation, Rail, Bus, Office, Workshop and Health Care Facilities

ClearSpace a cost-efficient way to improve safety against bacteria and viruses

For further information ClearSpace@ivt-ltd.co.uk or call

Driver Seating



Pedestal Seat



Bulkhead Seat

Non – Drivers and Crew seats also available

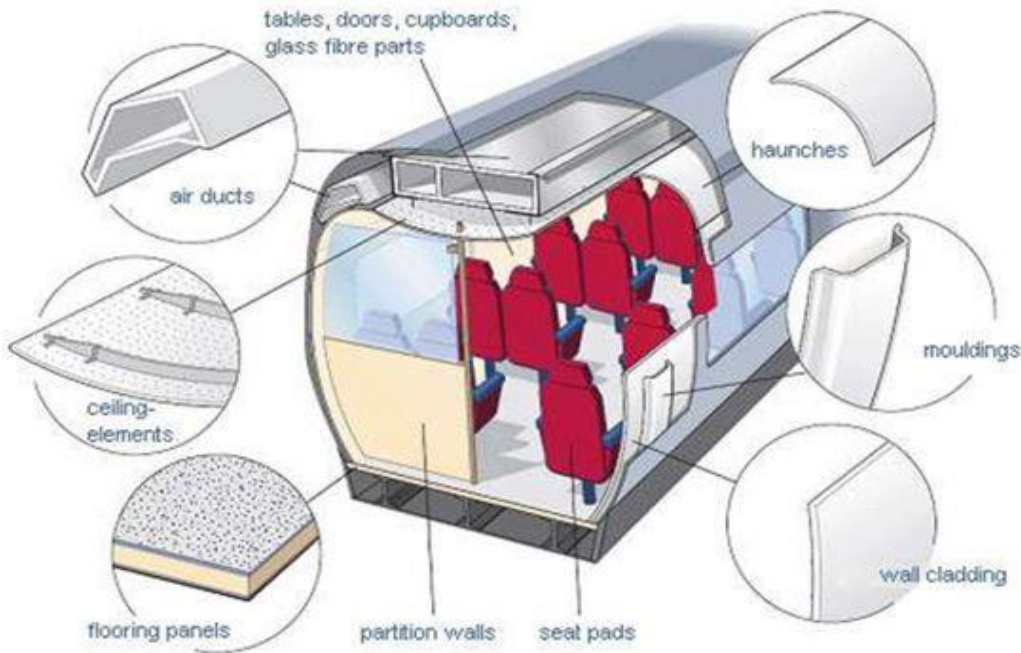
Seats Inc has been building seats for wheeled and tracked vehicles since 1952.

These vehicles are semi-trucks, fire trucks, buses, step vans, logging, mining, construction, earthmoving, turf equipment, military vehicles and locomotive seats.

Seats Inc began building locomotive seats in the late 1970's at the request of some of the major freight rail roads in North America.

Seats Inc. have been active and successful in the European market since 2009 through the efforts and expertise of IVT

IVT Composite Panels – an ultra light weight, fire-proof and water-proof panel



Important market requirements

- Low heat transmission for insulation and at fire
- Low heat transmission for insulation in use
- Environmental considerations at sourcing
- Environmental considerations at recycling
- Withstand changes in climate conditions

Advantages of using IVT Composite Panels

- Low cost of materials
- Low cost for the production of floor
- Low cost for the installation
- Low cost of the maintenance
- Integrated heating system
- Large size panels
- Low weight
- Low sound transmission
- Low tendency to smoke and fire
- Low energy content

IVT Composite Panels have been developed for applications in the transportation industry, especially in the area of public transportation where requirements for fire resistance are very demanding for all materials. In particular, the fire resistance of structural materials such as wall panels, ceiling panels or floor panels are of high significance for the overall safety of the passengers. These structural materials, however, have to be very light and at the same time reduce the overall weight and energy consumption of the particular transportation vehicle. IVT Composite Panels will meet all the specific fire test and load test requirements demanded by the customer.

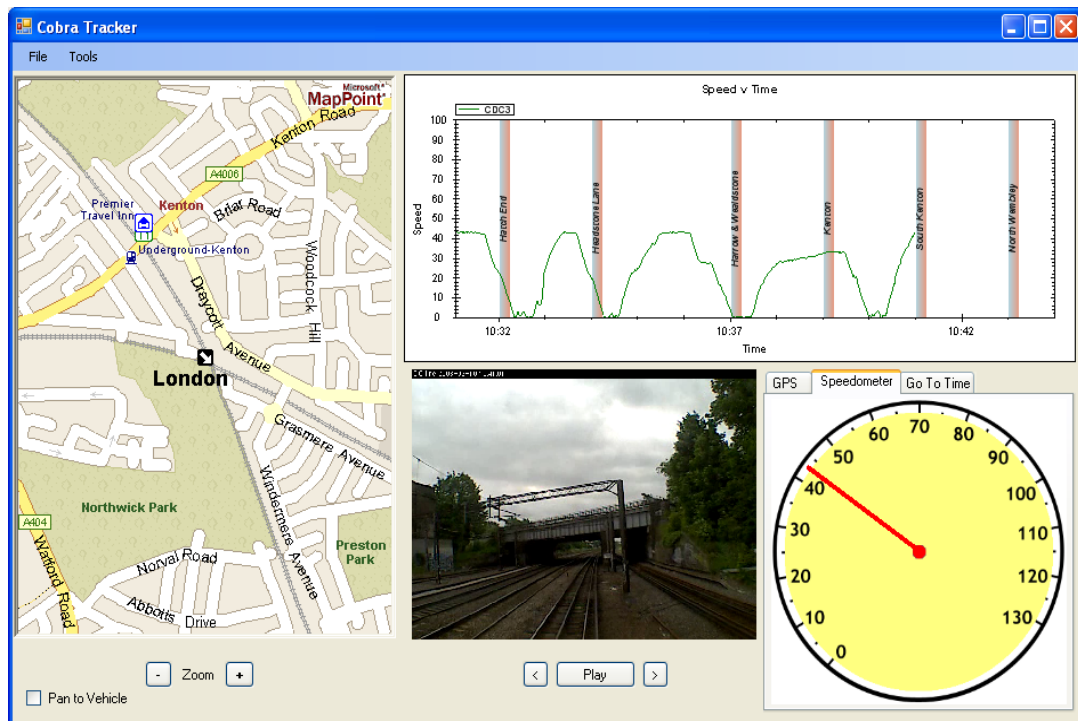
For this challenging application IVT Composite panels are made of composite materials, glass fibres are embedded in a unique fire-proof resin and manufactured on a fully automated production line. This specialised resin is made of renewable organic products and, hence, resulting in a “green” footprint for the product. To achieve an extremely light but very stiff material IVT Composite Panels utilizes expanding core technology.

WE IMPROVE SPEED, SPACE AND SAFTY IN HIGH-SPEED TRAINS AND VEHICLES

IVT Composite Panels use licensed technology



OmniView LightFinder forward facing CCTV system



System Dashboard

The **OmniView LightFinder** forward facing CCTV System has been developed in co-operation with a leading TOC (NX) to identify incidents and accidents occurring within the path of the Vehicle, the actual events witnessed by the driver

- Recording in real-time
- full colour HD both day and night at up to 35 frames-per-second
- 1 week storage

The recorded data can provide evidence in the case of collision, suicide, signals passed at red, foliage obstructing signals, vandalism, flooding, track conditions, etc.

The system also records GPS data which will allow vehicle position, speed and direction information to be transmitted to a remote location via the use of a GPRS/4G/5G modem, allowing tracking in real time.

IVT Refurbishment Service

IVT are pleased to announce that in collaboration with a key supplier we can now offer a refurbishment service for Seat Backs, Tables and Armrests. From the pictures below you can see that virtually any damage can be remedied and give the operator or owner a quality interior refresh

Work can be undertaken on or offsite depending on what is most convenient for the customer and working hours for onsite work are completely flexible.



Table Before



Table After



Seat Back Before



Seat Back After



Armrest Before



Armrest After



IVT have partnered with **Artex AB** for all trimming, upholstery and leather work in the following business areas.

Public Transport

Artex design, redesign, manufacture, refurbish and upgrade seats, covers and other interior components for trains, buses, ships and airplanes.

Automotive

Artex design and manufacture textile & leather products and components for the automotive industry.

Design, Engineering & Industrialisation

Artex assist our customers in design, engineering, industrialisation and manufacturing that combine textiles, leather, foams, filling materials, plastics, metal, wood and composites.

Refurbishing Projects

Artex create cost-efficient solutions and run projects in refurbishing, re-upholstering, tailored covers, etc.

Upholstery Workshops

Artex have upholstery workshops and experienced qualified craftsmen for small, medium, and large-scale projects

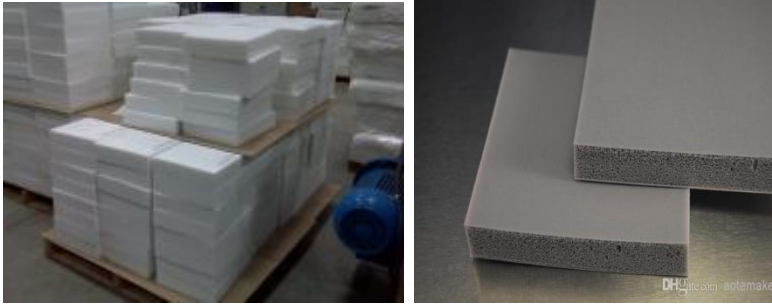


Entransit™ Seat Suspension Membrane

Entransit™ is a flexible membrane seat suspension

Offering enhanced comfort and vibration isolation and designed to meet the following:

- Flame
- Smoke
- Toxicity standards for rail and bus.



BISCO MF1® Silicone Foam MF1® "bun stock" is used primarily as cushioning, padding and insulation in the global transport industry

Rogers Corporation's proprietary process and patented chemical formulations make it:-

Possible to manufacture MF1® silicone foam in thickness' greater than 100mm

With densities as low as 5 lbs/cu ft (80kg/cu metre) BISCO's MF1® silicone foam is structurally resilient with low compression set and 100% "spring back" memory, which is supported by a 10 year warranty.

Contact

**IVT Ltd
IVT House
9 Riverwell
Northampton
Northamptonshire
England
NN3 5EG**

Phone +44 (0) 1604 211388

Fax +44 (0) 1604 249501

email@ivt-ltd.co.uk

www.ivt-ltd.co.uk