



# ISAP

INNOVATIVE SYSTEMS AND PRODUCTS PTY LTD





**VLINE VLOCITY TRAIN**

- Drivers Emergency Exit Windows
- Illuminated Step Tread
- Metal Fabrication
- LED Lighting

**SERVICES OVERVIEW**

Innovative Systems and Products (ISAP) is an Engineering Design based company that is predominantly supplying glazing products for Rail, Bus, Marine and Specialist Security applications throughout the Asia Pacific Region.

ISAP is an Australian owned company that has proven to have the unique ability to both design

and project manage complex applications from concept, specification plus design, to manufacture and testing.

ISAP is a ISO9001:2015 certified company.

Our products meet all relevant ADR requirements.



# HIGH QUALITY | PRODUCT DESIGN | SUSTAINABLE INNOVATIVE SYSTEMS



## TRAM CAR RESTAURANT

Front Windscreens  
Side Windows

## PRODUCT OVERVIEW

### GLAZING PRODUCTS

#### WINDOW SYSTEMS

ISAP produces a full range of windows including; fixed, sliding, hopper, emergency escape and combinations of these types available in an array of mounting methods that includes flush bonded versions.



#### FRAME AND GLASS

ISAP's bonded frame with rubber fixed glass is the benchmark choice for windows in the glazing industry. This high quality system provides rapid glass changeout to save downtime, features a robust, fully welded aluminium frame and exceeds all relevant standards.

#### FLANGE FIXED WINDOW SYSTEM

Our Flange Fixed windows have been a bench mark for transport windows for many years. They feature a robust fully welded aluminium frame with (flange holes provided for rivet fixing) or without (for direct SIKA bonding).



# CUSTOMISED SOLUTIONS



METAL  
FABRICATION



BRUSH  
CLEANER



## SPECIALITY GLAZING

High Impact Armour Glass for  
use in Prison/Government  
& Military applications



## TILT TRAIN

Front Windscreen  
Drivers Side Window  
Passenger Windows  
Internal Glazing



## LOCOMOTIVE

Front Windscreen  
Cab Side Windows  
Blinds



## BONDED WINDOW SYSTEM

This window system utilises the latest developments in adhesives to provide an aesthetically pleasing flush window effect.

## BONDED WINDOW - HOPPER VENT

This window design utilises the latest developments in adhesives to provide an aesthetically pleasing flush window effect.

## ENGINEERING CAPABILITY

Consistent cost effective volume production is achieved through innovative CAD design using both Solidworks and AutoCAD '.dwg' and '.dxf' formats.

As we are an engineering design based company we are continually working with our customers to supply unique high volume engineered product solutions.





**TRAMS**

- Side Glazing
- Front Windscreen
- LED Lighting
- Illuminated Step Tread

**BUS**

- Side Glass
- Front Windscreen
- Emergency Exit Hammers

**SYDNEY TRAIN**

- Front Windscreens
- Side Windows

**EMERGENCY ROOF HATCH**

- Bus
- Marine



**EMERGENCY HATCH**

ISAP Series 2020 ADR Compliant Emergency Roof Hatches can be opened from both inside and out should there be a mishap/accident. The safety version has a micro switch to activate a driver alarm should the Emergency Roof Hatch be fully opened while the vehicle is operational. This product range is available in both the original Dome and Break Glass versions.

A Ventilation unit capable of four directional opening is also produced enabling excellent and consistent air flow throughout the vehicle.

**TRANSPORT VEHICLE SPARE PARTS**

Combination of window handles, latches, rubber trim, domes, hammers, customised metal fabricated parts and other transportation components. Please enquire for your specific needs.





**INTERNATIONAL STANDARDS: FRA 1, FRA 2, BR566, AS2080, AS3555, UN ECE R43**

**INNOVATIVE SYSTEMS AND PRODUCTS**

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