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Vection Technologies

Vection Technologies brings to the market
SaaS solutions and consulting services for
any digital transformation needs.



Vection Technologies is listed on the Australian Securities Exchanges (ASX:VR1) and is headquartered in Australia, with offices in USA, Italy, and India.

www.vection.com.au
www.mindeskvr.com



Global Reach

Global HQ
Perth, Australia

North America HQ
San Francisco, U.S.

European HQ
Bologna, Italy

European R&D
Bari, Italy

Operations
Ahmedabad, India

Global reseller network



Vection Platforms

Vection Technologies brings to market SaaS solutions and consulting services for any digital transformation need.



Design
MINDESK

CAD platform for XR project design and review, in real-time without time consuming export-import.



Sell
FRAME-S

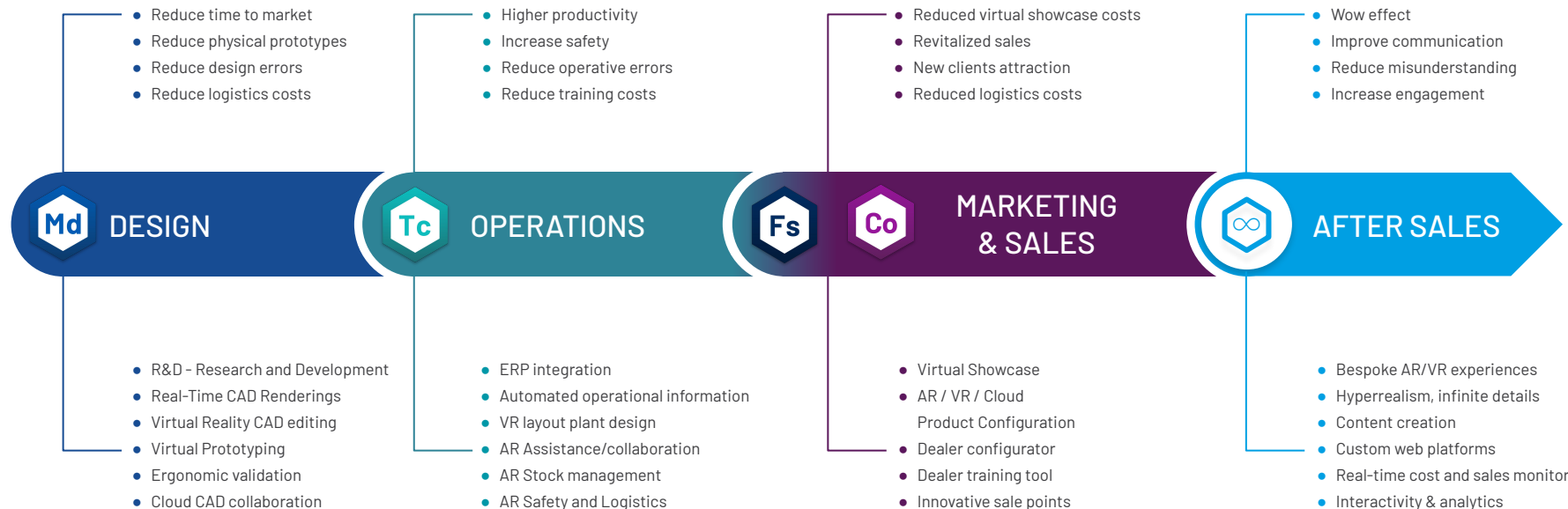
Frame-S is a versatile platform to collaborate remotely and create presentations in XR.



Service
TRAINER CREATOR

Create step-by-step procedures for training, maintenance guidelines and manuals.

Solutions





Mindesk

With Mindesk you can use your CAD in virtual reality to review projects and collaborate with colleagues.

Zero export: just 1 click from the CAD software and you're instantly in VR, without 3D model conversion.

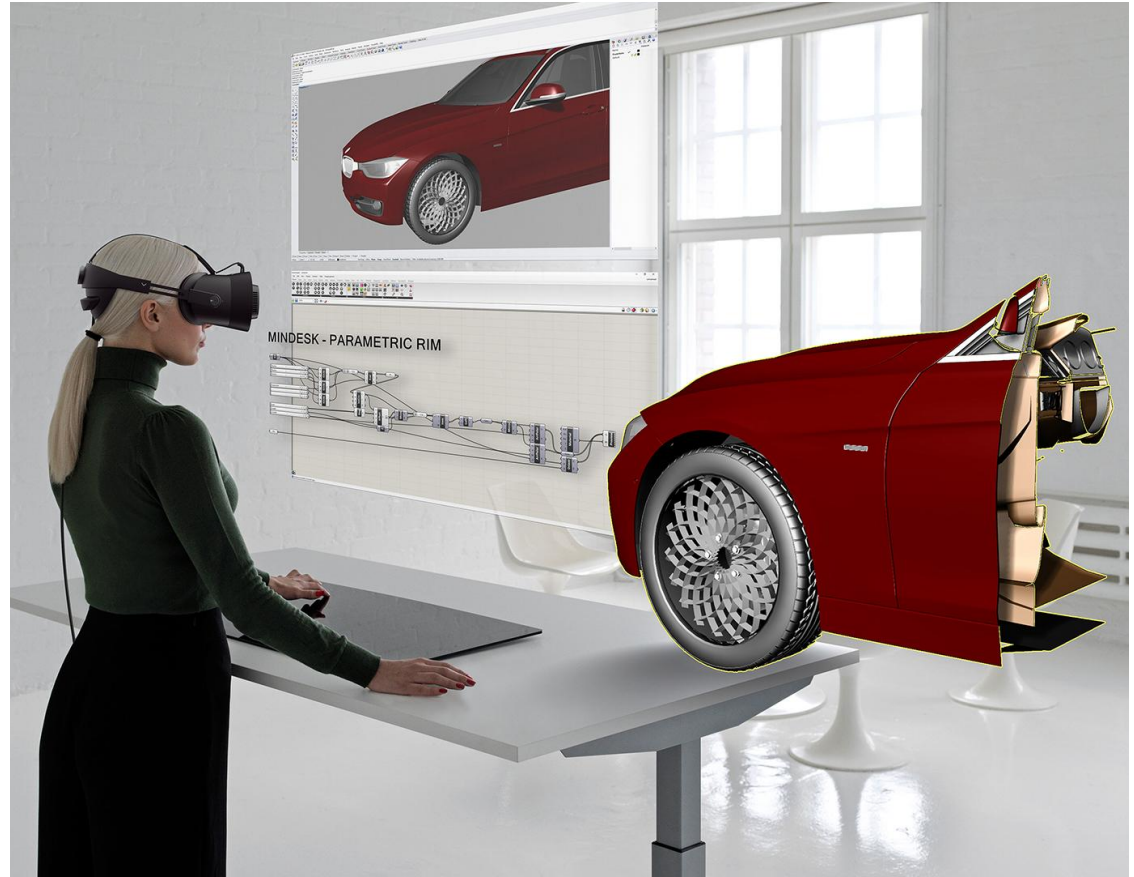
Anything done in VR happens in real time on the desktop and vice versa.

Moreover, the Live Link with Unreal Engine allows real time photorealistic rendering, featuring thousands of freely available materials and assets.





**The evolution in
products and
spaces design.
Create new
possibilities for
collaboration
with XR.**



Courtesy of Varjo

One Integrated workflow



Current 3D workflow is broken. Whether your design team is developing a rendering project, a VR experience, or simply trying to visualize their model, there is always some data conversion on their way.

Thanks to its Real-Time Live Link technology, Mindesk brings together a constellation of CAD authoring, rendering, simulation tools and XR / VR hardware into a continuous, uninterrupted workflow.

With Mindesk designers can visualize, review and coordinate complex projects without interruptions, and focus on what matters.

Managers can aggregate all these key operations under a single subscription.

Mindesk features



Bi-directional Live Link

Connect your CAD software to Mindesk in real-time. No need to convert your 3D assets. Use all Mindesk features while editing your CAD on the fly from and to the source software.

Works with: All platforms



LAN Multi-User

Extend your Mindesk VR session to other teammates and customers via Local Area Network (i.e. a router or a VPN). They can join your design review and interact with the linked CAD objects.

Works with: All platforms



Real-Time Rendering

Visualize your linked CAD project in Unreal Engine. You can quickly assign materials, map 3D assets and manipulate your geometries. The best way to fast iterate your render and generate appealing pictures and movies.



Cloud multi-user

This option allows for remote multi user VR sessions. This feature is powered by NVIDIA CloudXR so that guests do not need to have a workstation to join. A standalone VR headset is enough.

Works with: HTC Vive Focus, Oculus Quest 2



Immersive VR Review

Enter your CAD project and experience it in 1:1 scale before it's even built. Mindesk review tools help you visualize and communicate your project during review sessions as well as check the ergonomics, mountability and usability of your product.



Points Cloud

Mindesk can visualize points cloud in VR. Visualize, navigate and use the points with the snap option to trace your 3D model.

Works with: Rhino only



VR Editing

Edit your linked CAD model directly from inside the VR. The VR controllers help you gain more control over your most complex models. Quickly prototype and explore alternative options while in VR. While in VR, the desktop user can continue using the CAD. Works with: Rhino only



XR and Mixed Reality

Mindesk integrates with Microsoft HoloLens 2 and Varjo XR3 to blend virtual with reality. Users can work with their CAD model within the same physical space that surrounds the.

Works with: HoloLens 2, Varjo XR1 / XR3

Mindesk for Rhino



Use it for:

- IMMERSIVE DESIGN REVIEWS
- COLLABORATIVE DESIGN
- REAL-TIME RENDERING
- VR 3D MODELLING

Advantages

- No export nor file preparation
- Design process acceleration
- Ergonomics/spatial visuals
- Reliable design error detection
- Physical prototype reduction
- Better communication
- Natural movement editing
- Form-finding



MINDESK.

Mindesk for SOLIDWORKS

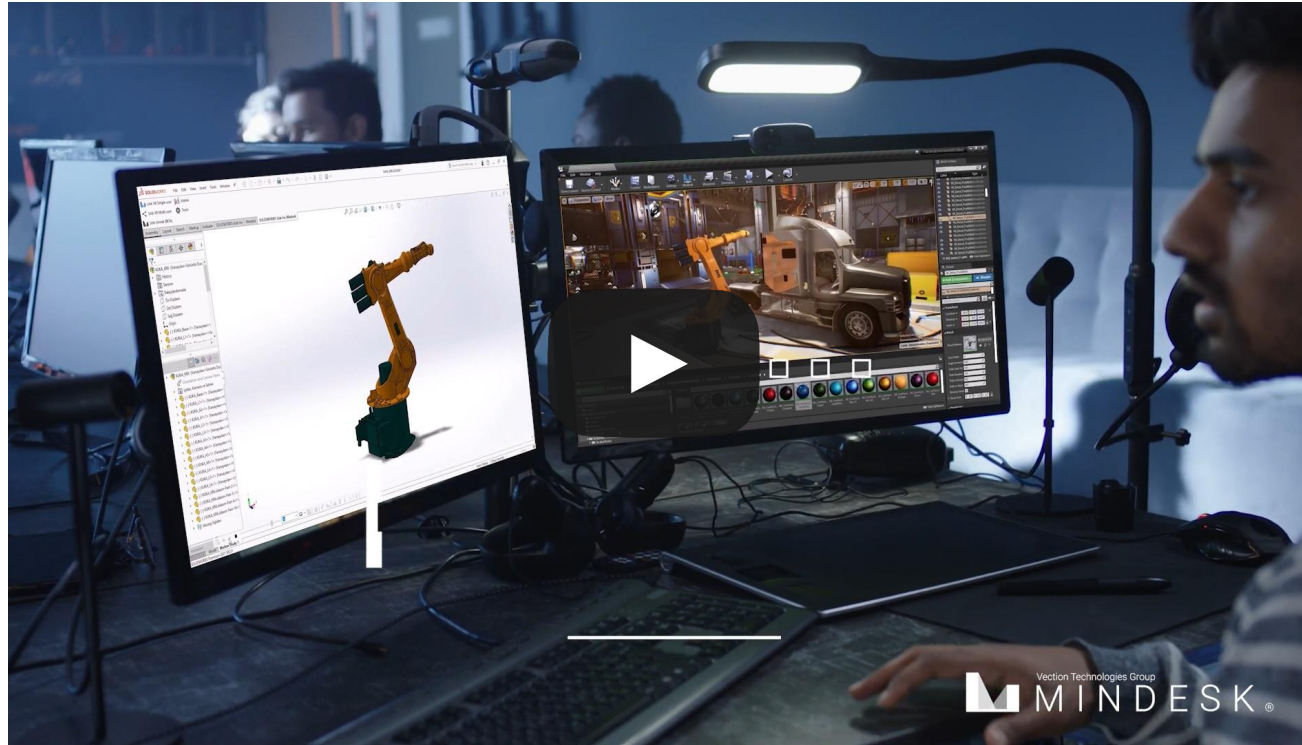


Use it for:

- IMMERSIVE DESIGN REVIEWS
- COLLABORATIVE DESIGN
- REAL-TIME RENDERING
- PRODUCT SHOWCASE

Advantages

- No export nor file preparation
- Design process acceleration
- Ergonomics/spatial visuals
- Reliable design error detection
- Physical prototype reduction
- Better communication



Mindesk for Revit

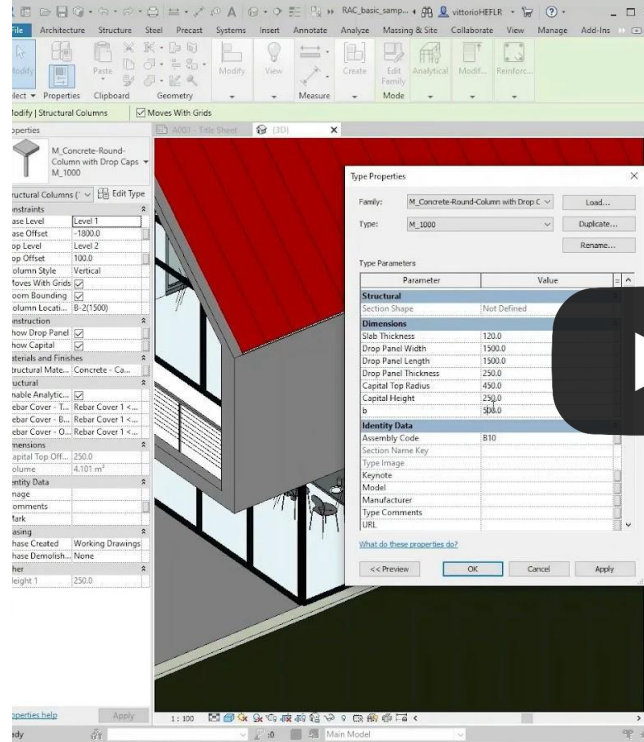


Use it for:

- IMMERSIVE DESIGN REVIEWS
- COLLABORATIVE DESIGN
- REAL-TIME RENDERING
- AR OVERLAP ON SITE

Advantages

- No export nor file preparation
- Design process acceleration
- Ergonomics/spatial visuals
- Reliable design error detection
- Physical prototype reduction
- Better communication
- Meetings "inside" Revit



Contacts

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