

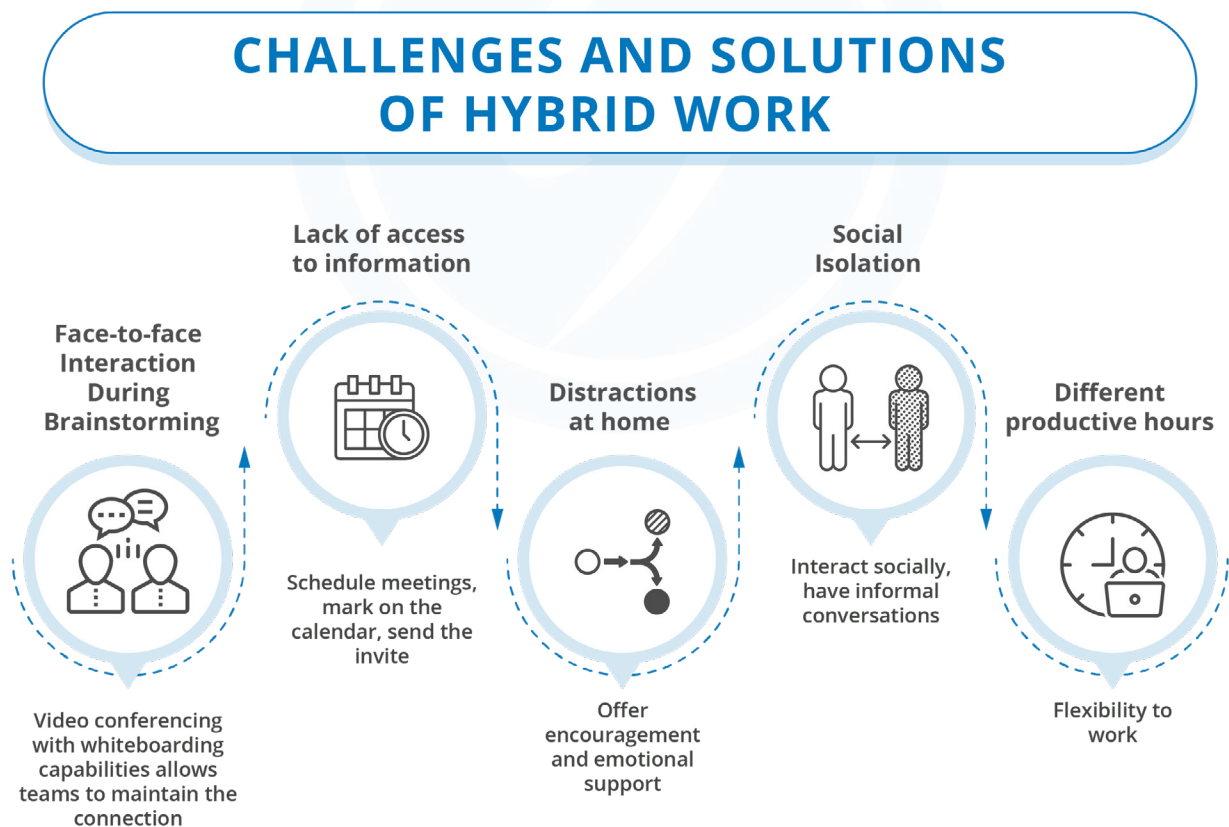
# AI-powered Visual Collaboration Devices: Leading Path to the New Hybrid Work Culture



This pandemic, we have renovated each corner of our home as huddle space, work station, coffee shop, restaurant, gym, movie theatre, and play zone, spending all our days in one place. With restricted movements and virtual connectivity, we are navigating to the new normal of work – Hybrid Work. While we are clapping and encouraging those who have to work on-site, the remaining workforce is experiencing an unprecedented fusion of professional and personal life, by chance.

## What **Hybrid Work** looks like?

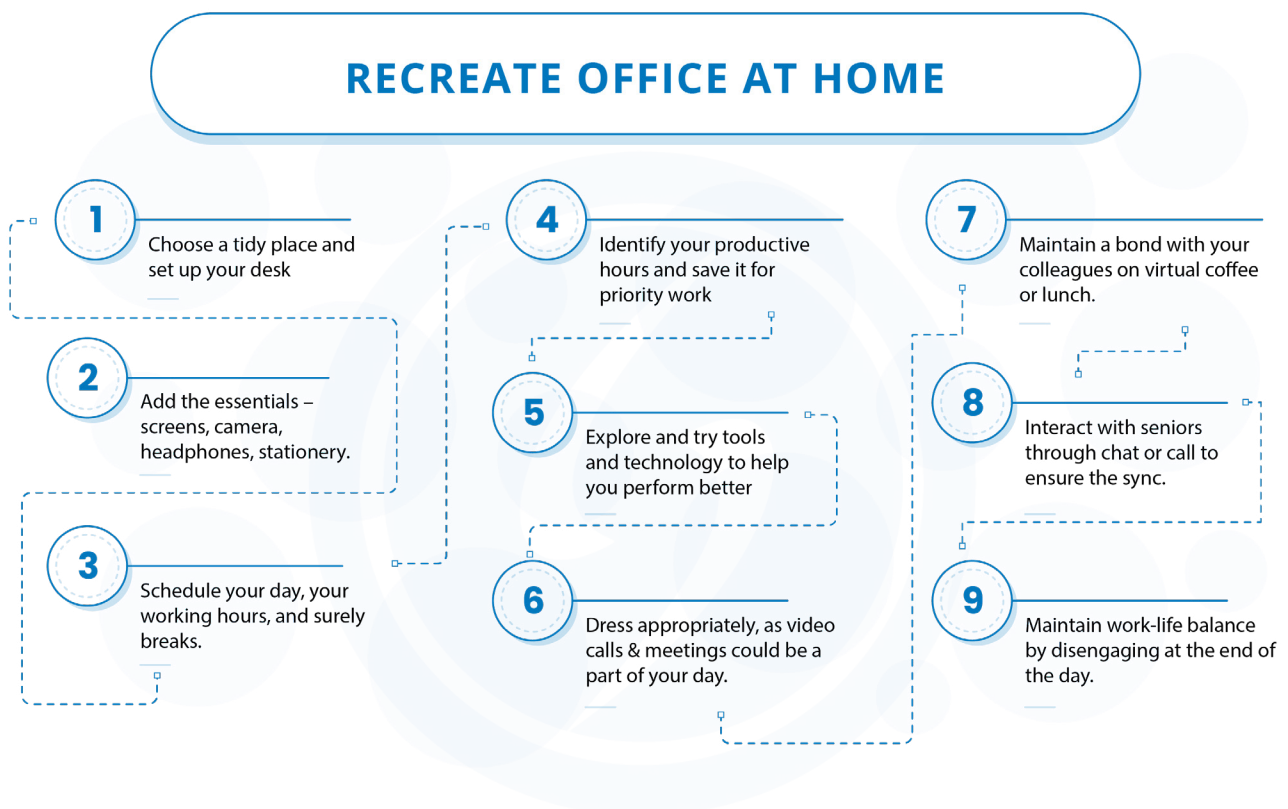
Hybrid model supports work from office and work from anywhere, which could be a home, a coffee shop, or a co-working space, encouraging people to operate in full capacity without restricting them to a certain place. This way, people choose to come to office because they want to, because they need to complete something or get something done or meet the client in-person, rather than an obligation. The concept is already making people happy and engaged, as they have freedom of choice.



The quick transition from responding to the pandemic to recovering and further finding the right balance in work-life has made people multitasker. They are finding a better alternative to continue working, maintaining the same level of connection, and ensuring productivity, remotely.

# Ways to Navigate to Hybrid Work

A research paper on '[Building virtual intelligence in at the individual level](#)' has discussed about changing perspective of virtual work by including behavioural skills, patterns of interaction, choice of technology, evaluation structure, and individual differences.



## Need of Right Collaboration Tools

In a day, we need many different tools to write, call, collaborate, share, with different levels of complexities.

In times of hybrid work, ideating, brainstorming, planning, and decision-making in sync with team matters the most, which is being addressed by visual collaboration tools. Video conferencing, wherein teams collaborate with each other virtually and share the screen serves the purpose but visual collaboration determines the success of the meeting by offering video conferencing, screen sharing, content sharing, and digital whiteboard with tools to collaborate simultaneously on the shared screen.

Purpose	Functionality	Devices & Tools
Instant Messaging	Real time chat	Slack, Teams, Hangout
File Sharing	Access to information	Dropbox, Google Drive
File Versioning & Collaboration	Simultaneous changes	Office 365
Project Management	Plan your workflow	Trello, Jira, Monday, Asana
Virtual Events	Webinars	Zoom, WebEX
Audio Calls	Conference Audio Calls	Skype, Zoom, Teams
Video Conferencing	Video Chats and Calls	Skype, Zoom, Teams, Thinker View, Logitech, Polycom, Cisco, Webex
Visual Collaboration Platform	Annotate on shared screen during video conferencing	AIRMIND Flow, Miro, Figma
Visual Collaboration Device	Natural User annotation on shared video conferencing	Thinker Connect, Wacom Graphic Tablet





# A snapshot to Visual Collaboration Tools

## 1 Zoom

Gartner has quoted Zoom as a magic quadrant for meeting solution that offers HD audio and video, cross-platform messaging, and content sharing capabilities. It has almost everything, like basic scribbling and writing but the major missing is digital whiteboarding capabilities at the advanced level, which is the basic requirement for now.

## 3 AIRMIND Flow

A digital whiteboard suite with an array of smart tools that allows different teams to collaborate on the shared screen. The availability of smart shapes, mathematical tools, and drag-and-drop option to pull the latest content from in-built search engine called 'MyCloud' keeps it one step ahead than its competitors. Compatible with nearly every major collaboration tool, Airmind Flow ensures a smooth meeting, anywhere anytime.

## 2 Miro

A shared digital whiteboard for product development and design strategy with easy-to-use tools that allows real-time collaboration on the shared canvas, without any lag. Easy to integrate with other platforms like Mindmapping, Kanban, Slack, Gmail etc.

## 4 Slack

An instant messaging app with a host of additional plugins that brings the entire team on a single platform to communicate either directly or via different channels. It comes with intelligent search functionalities, file sharing, and call.

## 5 Wacom Graphic Tablet

Functions as an extended display to sketch on the screen, efficiently write, draw, and annotate the document with different kinds of pens and brushes in a full range of colors, with superb accuracy. Compatible with all the platforms and apps, this tablet is perfect for professionals and students, both.

## 6 Thinker Connect

Thinker Connect brings touch interactivity on any monitor or screen with enterprise-level video conferencing. Invite your remote teams to join the meeting, co-annotate on the shared screen across different devices, with high-end audio and video features. Unlike Wacom Tablet, Thinker Connect allows teams to collaborate with teams through video conferencing with interactive capabilities, on a single device. Wacom tablets facilitates a two-way step to write or draw on the screen whereas Thinker Connect offers an intuitive and natural writing experience in a single step. Compatible with major collaboration software, Thinker Connect is good for home and office setup.





# Impact of **Visual Collaboration Devices** during Hybrid Work

Surely, cell phones and tablets let you carry the office in your pocket but a complex, color-coded spreadsheet can't be deciphered on a small screen, especially when you are discussing it with the entire team.

The lack of visual collaboration devices lessens the productivity of the team due to ineffective communication, limited coordination, and delay in making decisions. When a team collaborates on the canvas, they write the ideas, draw their knowledge, share their expertise, explain the topic explicitly with annotation, and augments the productivity of team manifold.

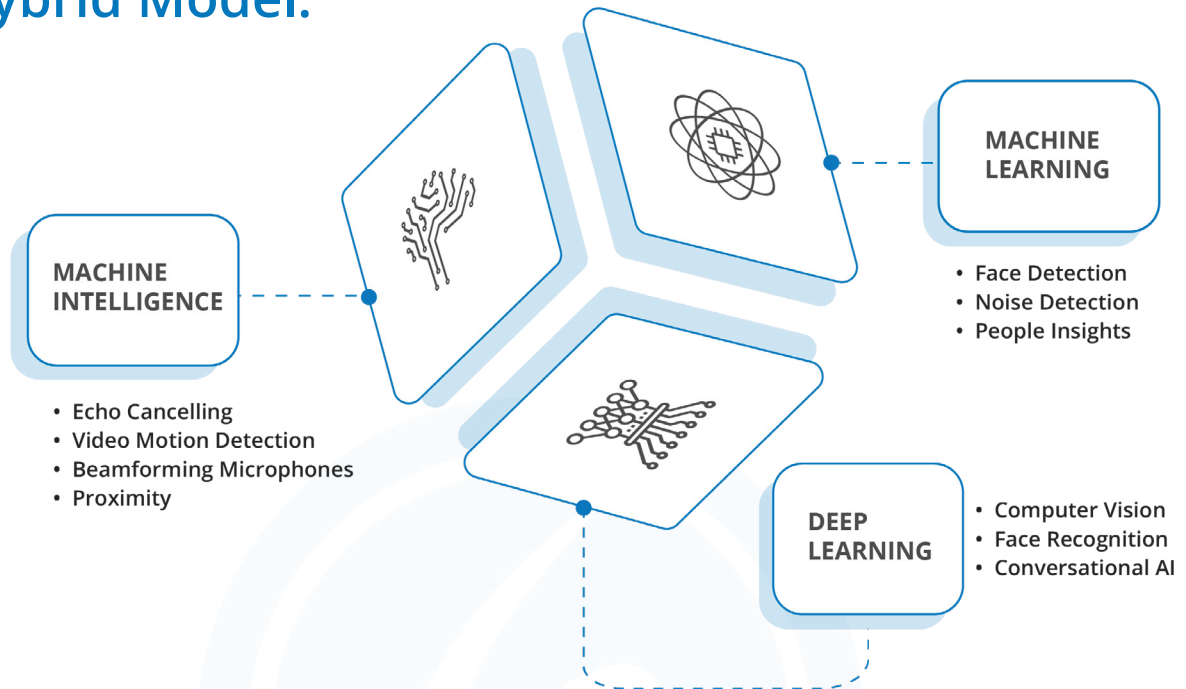
For teams like design and development, business development, marketing and communication, creative professionals, visual collaboration is a must-have feature.

The large panels and signages do not count as hybrid work friendly devices because of its big size and skyrocketing price while compact and portable devices like Thinker Connect have all the visual collaboration features required for seamless collaboration while working in hybrid model.

People are trying out different devices, most of them are struggling with understanding the complex features of the software, subpar hardware, and surely an awkwardness to make a video call.

Using a legacy device integrated with old-school technology often results in embarrassment, and calls for a video conferencing camera. Adjustment to get captured and heard is a thing of the past. Bandwidth is surely an important criterion for perfect video conferencing, but the resolution of the camera and its wide angles also decides the quality of video call.

With proven capabilities of Artificial intelligence and Machine Learning, Thinker Connect solves many challenges of **effective collaboration while working in Hybrid Model.**



## 1 Natural User Touch Recognition

The advanced motion-sensing technology of EyeRIS® Sensor intelligently tracks the users' pen gestures in real-time to perform touch interactivity on Thinker Connect, which enables seamless information control from any display. It gives freedom to write, draw, and annotate directly on the screen.

## 2 Audio

The most vital element of collaboration is the voice. Thinker Connect comes with beamforming MEMS microphone array that has a pickup range of 5m with an omnidirectional response. The Voice Activity Detection (VAD) and Direction of Arrival (DOA) features focus the microphone directly on the speaker and suppress the background noise with Full-duplex Acoustic Echo Cancellation (AEC). So, don't worry about your kid playing in the same room, you will still be loud and clear to everyone.

## 3 Video

The camera detects and identifies the participants, auto-tags the speakers, and frame them in a high-resolution screen. The 1080p camera ultra-wide-angle camera captures the participants irrespective of the place they sit, near or far from the table. The light optimizer in Thinker Connect captures participants in perfect light, even if you have joined the meeting from a dim-light room.

## 4 AI powered Conversational UI

A virtual assistant to understand the intent of the user, dialogue management, and question-answer abilities has been incorporated into Thinker Connect, a conversational AI that has been developed using a powerful combination of AI and ML. With natural language processing technology, visual collaboration tools have developed conversational AI, which hears the conversation during collaboration and parses the information in the form of preparing automated MOM, scheduling meetings, and setting reminders.



# A snapshot of **conversation**:



**Cortana:** Hey Sherin, you have a meeting scheduled with Mitsubishi Corporation in the next five minutes.

**Sherin:** Hey Cortana, who all are joining in this meeting?

**Cortana:** A total of 6 participants have accepted the invite. From your team, Rio, Alba Flores, and Esther Acebo have confirmed while Anna Gras, Clara, and Cristina are from Mitsubishi Corporation.

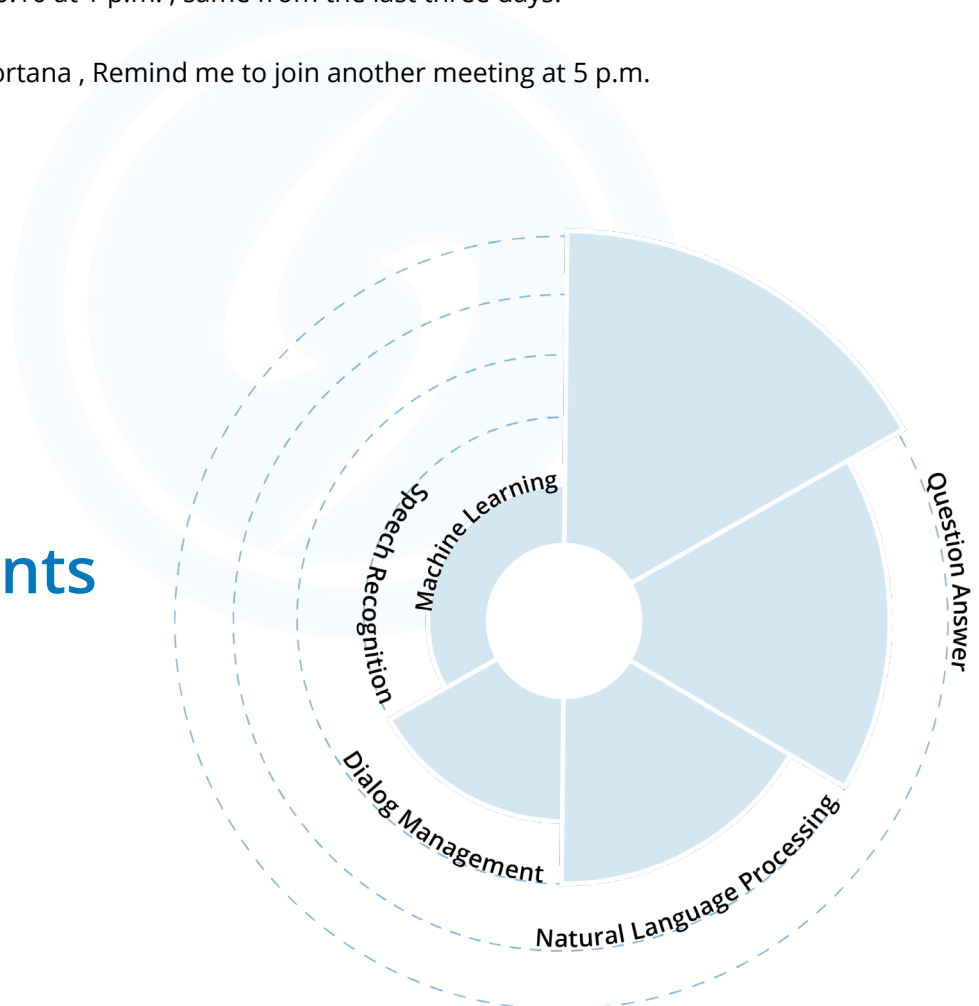
**Sherin:** Hey Cortana, Show the current stock rate of Mitsubishi Corporation.

**Cortana:** It's 30.10 at 1 p.m. , same from the last three days.

**Sherin:** Hey Cortana , Remind me to join another meeting at 5 p.m.

**Cortana:** Sure.

## Components of CUI



If you are looking for a right set of AI-based visual collaboration tool to accelerate productivity during the new normal of work, schedule a session with our experts by contacting us at [hello@cybernetyx.com](mailto:hello@cybernetyx.com)



# Ready to make the shift to a hybrid workplace?

It's time for AI- enabled visual collaboration experience at your workplace to accelerate team productivity. Thinker Connect can support the new hybrid workspace with flexible installation, intuitive user experience and integrated features.

[Buy Now](#)

