Gynzy - IFPD Education Software

Gynzy's IFPD software is a powerful, teacher-centric tool designed to seamlessly integrate into the classroom. Tailored for use on Interactive Flat Panel Displays (IFPDs) or Interactive Whiteboards (IWBs), it was developed through close collaboration with educators to align with the real demands of teaching. This intuitive software supports teachers throughout their day, from morning roll call to final wrap-up.

With Gynzy's software, teachers can effortlessly harness touchscreen technology for front-of-class instruction. Whether building custom lessons, leveraging ready-made plans, or managing classroom activities, the platform simplifies teaching while amplifying engagement.

Flexibility is a hallmark of Gynzy's approach. Teachers can access the software directly from their displays (via Windows OPS or as an Android App), install it on their computer or laptop, or use the online version—making Gynzy a versatile partner in any learning environment.

Features

Whiteboarding

- **Pencil** - The pencil allows user to draw in various colors (both preset and custom) and thicknesses.
- **Highlighter** - When choosing a semi-transparent color in the pencil, it can be used for highlighting. When highlighting PDF documents, the highlights automatically snap to text content.
- **Handwriting Recognition** - In the handwriting recognition mode, any hand written text will be converted to type text. This feature is available for all supported languages.
- **Erase** - The eraser function allows users to erase content from the board, erase all annotations at once and empty page at once.
- **Object manipulation** - The software allows objects to be moved, resized, rotated, grouped, locked, cut, copied, duplicated, pasted, linked, moved to the front or back, or turned into an ""infinite clone"" object.
- **Shape Recognition** - In the shape recognition mode, any hand drawn shapes will be automatically converted to actual shape objects.
- **2D Shapes** - Users can add 2D shapes from a library of shapes.
- **3D Shapes** - Users can add 3D shapes from a library of shapes.
- **Text** - User can add text boxes to the board. This includes features like bold, italics, underline, strike-through, alignment, sorted lists, colors, fonts, links, and formulas.
- **Limitless Canvas (vertical)** - The canvas can be expanded vertically without limits.
- **Object alignment** - Objects can be easily aligned in relation to other objects.
- **Object grouping** - Objects can be grouped, so that they can be moved/manipulated together.
- **Object locking** - Objects can be locked in place, so that students don't accidentally move them during activities.
- **Cursor** - The cursor can be used to select on or multiple objects and can be used to interact with interactive objects/tools.
- **Document annotation** - You can import a variety of documents and annotate them with the pencil (write and/or highlight).
- **Undo/redo** - Easily undo mistakes with the undo/redo buttons that are readily available.
- **Infinite Clone** - When an object is set to infinite clone mode, users can create a copy by clicking and dragging on the object.
- **Spell Check** - Text inside of text boxes can be checked for spelling mistakes. Suggestions are provided when mistakes are detected.
- **Stamps / Stickers** - The image library also contains images in sticker format that can be easily added to the board.

AI Tools

- **AI Image Generator** - Users can generate an image with AI based on their prompt.
- **Text-to-Speech** - Written text can be converted to spoken text with this tool.
- **AI Quiz Generator** - An interactive quiz can be generated using AI. The AI will generate questions as well as the correct and incorrect answer options.

Backgrounds

- **Handwriting Sheets** - The software contains different handwriting sheets, aligned with the local curriculum.
- **Mathematical Sheets** - The software contains various sheets intended for math instruction.
- **Color backgrounds** - Users can choose a color of their liking for the background.
- **Image backgrounds** - Users can set an image background from a library with beautiful background images.
- **High-contrast Sheets** - The handwriting, mathematical and musical sheets are available in high-contrast variants for better legability.
- **Layouts** - Users can pick a layout to more easily structure information.
- **Music Sheets** - This background lets teachers draw musical notes on blank staves using the pen tool for interactive music lessons.
- **Own backgrounds** - Users can use their own images for the background.
- **Sport Fields** - The user can use a sports field as the background, ideal for thematical content or sports coaches.

Files

- **File Import - Notebook** - Import Smart Notebook files without losing functionality. Users can continue to edit their file.

- **File Import - Flipchart** - Import Promethean Flipchart files without losing functionality. Users can continue to edit their file.
- **File Import - IWB** - Import .iwb files without losing functionality. Users can continue to edit their file.
- **Saving Lesson Files** - You can save lessons for future retrieval. Files can be stored in (sub)folders. Files are stored in the cloud by default, but can also be downloaded as a .lesson file.
- **Lesson Sharing** - Lesson files can be shared with other users (teachers or students). The other user will receive a copy of the lesson that they can store in their own account. You don't need an account to open the shared lesson.
- **File/Folder Management** - Users can create their own folder structure for saving lesson files. Folders have their own colors and icons for more easy navigation.
- **Unlimited Lesson Storage** - The storage of lesson files in the cloud is unlimited, both in the number of files as well as file size.
- **Shared Folder** - Within the school or district, lesson files can be easily shared in a shared folder. This is ideal for distributing lessons within the school/district.
- **Export** - Export whiteboard files in different file formats. The user can choose to only export the current page, or the whole file.
- **File Import** - Import a wide variety of files, including Microsoft Office files, images, PDF.
- **Multi-Slide** - Teachers can add up to 200 slides to a lesson file.

General

- **Zoom** - Users can zoom in on the page, in order to make smaller elements better visible on the page. Users can use the zoom touch gesture as they are used to from their smart phone.
- **Full Sreen Mode** - Fullscreen mode displays the software using the entire screen and reduces distractions from other applications.
- **Glass plate** - This allows teachers to use the software's annotation tools on top of other applications that are running on the computer.
- **Hardware Independent** - The software is hardware independent and will work on interactive displays from any manufacturer.
- **Offline support** - The software works without an internet connection, allowing teachers to use the software whenever the board is not connected or the connection is interrupted.
- **Print** - Print all slides of the lesson file.
- **Student List Manager** - Create different lists with student names which can be re-used in different tools that require student names.
- **QR Code Login** - Easily log in to the interactive whiteboard through a smartphone, so that you don't need to type a password in front of the classroom.

Integrations

- **Geogebra** - Geogebra is directly integrated in the software, so that it can be included in lesson files.
- **Google Drive** - Files can be imported directly from Google Drive.
- **Microsoft OneDrive** - Files can be imported directly from OneDrive.
- **Google Classroom** - Lessons can be shared with students through Google Classroom.

Interactivity

- **Classroom Quiz** - Users can create (optionally with AI) interactive quizzes with multiple choice questions that students can participate in from their internet-connected device.
- **Alpaca Race** - An interactive math game between two teams (Alpaca's). Students are diviced in two groups and need to solve math problems. The fastest alpaca wins.
- **Open Question** - Students send answers to an open question from their device to the whiteboard.
- **Interactive Session** - Establish a connection between the whiteboard and student devices that can be used for a variety of activities. An unlimited number of students can join from their internet-connected device. Student do not need an account to join.
- **Live Lesson** - Share the whiteboard content with student devices in real-time and allow students to edit the whiteboard content and show their edits on the whiteboard in real-time.

Library

- **Library / Lesson Materials** - A library with ready-made lesson materials. The library is available in multiple languages. The content is categorized by subject and age range.

Licensing

- **Companion Device License Coverage** - The software license for the interactive display also covers usage of the software on teacher laptops and student devices.
- **x-year License (for IFPD)** - The license for the software covers X years.
- **School License** - A school license grants access to all interactive whiteboards, teachers and students within the school.

Localization

- **Language Support** - The software is available in multiple languages: Croatian, Czech, Danish, Dutch, English, Estonian, Finnish, French, German, Greek, Hungarian, Italian, Latvian, Lithuanian, Norwegian, Polish, Portugese, Romanian, Slovak, Slovene, Spanish, Swedish, and

Ukrainian.

- **Local Currencies** - The money activities are available in multiple currencies.

Media

- **Own audio** - Users can add audio from their system to the whiteboard file. When online, audio files will be stored in the user's personal media library for future retrieval.
- **Own videos** - Users can add videos from their system to the whiteboard file. When online, videos will be stored in the user's personal media library for future retrieval.
- **YouTube Video Search** - Directly search the Youtube search engine. ""SafeSearch"" filtering is enabled. Videos can be added to the whiteboard file with ease. The videos are free of advertisements.
- **Online Image Search** - Directly search the online image search engines. ""SafeSearch"" filtering is enabled. Images can be added to the whiteboard file with ease.
- **Creative Commons Images** - Directly search the Creative Commons Image search engine. Images can be added to the whiteboard file with ease.
- **Image library** - The software contains a library with 20,000+ images that are hand-picked or designed to be safe for education.
- **Audio recorder** - Users can record their microphone input direct from within the whiteboard software. Recordings will be added to the whiteboard file and stored in the user's personal media library for future retrieval.
- **Image editing (mirror, crop)** - Images can be edited from within the software.
- **Vimeo Video Playback** - Users can add Vimeo videos to their lessons.
- **Personal Media Library** - All media that users add to their files will be stored in a personal online media library for convenient future retrieval. There is no storage limit to this personal library.
- **Own images** - Users can add images from their system to the whiteboard file. When online, images will be stored in the user's personal media library for future retrieval.

Platform support

- **Android App** - The software is packaged as an Android app and can is pre-installed on the IFPD.
- **Windows App** - The software is packaged as an Windows application (both .exe and .msi). The software can be pre-installed on a Windows OPS module or on a teacher's windows computer/laptop.
- **Web App** - The software is available through a web-browser. All modern web browswers are supported.
- **Cloud-based** - The software runs in the cloud. Schools don't need to host their own version of the software.
- **iOS App** - The software is available as an iOS app for iPad.
- **PWA** - The software is available as a PWA, allowing it be installed on ChromeOS.
- **Mac App** - The software can be installed as a Mac Application.

School Administration

- **Unlimited User Accounts** - A school account can have an unlimited number of user accounts for teachers.
- **User Accounts** - Each user can create its own user account to store lessons and media files in the cloud. User accounts can also be created and distributed by adminstrator.
- **Admin Portal** - Administrators get access to an administration portal from which the school account can be managed (users, licenses, etc.).

Support & Training

- **Updates** - The software is updated regularly, including new features, new content as well as performance improvements.
- **Developed by Manufacturer** - The software has been developed in direct collaboration with the manufacturer, who participated actively in its design, validation, and testing processes.
- **Compliant with Privacy Legislation** - The software is compliant to local privacy legislation and compliance is constantly monitored.
- **Servers in the EU** - The software runs on servers that are located in the EU (in The Netherlands).
- **Customer Support (Chat)** - Users can get support by using the live chat directly from within the product.
- **Customer Support (General)** - Users can get support through live chat or email.
- **Help Center** - An online helpcenter is provided with helpful articles about the features of the software.
- **Onboarding Materials** - Users and schools are provided with onboarding materials to ensure a smooth onboarding in the software.

Tools

A broad library of interactive classroom tools for a variety of purposes, including classroom management, math instruction, language instruction, etc. Below is a selection from the nearly 100 interactive tools included in the software:

- **Screenshot** - An easy tool for the user to create a screenshot on the IFPD, open the image in the whiteboard software.
- **Screen Recorder** - The teacher can create a video recording of the screen, including audio, in order to share the video file with others.
- **Integrated Web Browser** - Open websites from within the whiteboard software and make them part of lesson files.
- **Ruler** - A digital ruler that lets user draw straight lines and/or measure objects. The units can be set to either centimeters or inches.

- **Protractor (triangle)** - The triangle protractor can be added to the whiteboard. It allows teachers to draw straight lines or to measure angles. The protractor can be adjusted in size.
- **Protractor (full circle)** - The full-circle protractor can be added to the whiteboard. It allows teachers to draw straight lines or to measure angles. The protractor can be adjusted in size.
- **Protractor (half circle)** - The half circle protractor can be added to the whiteboard. It allows teachers to draw straight lines or to measure angles. The protractor can be adjusted in size.
- **Drawing Compass** - The drawing compass allows teachers to instruct students on how to use a compass. It allows teachers to draw a circle on the whiteboard. In addition the middle point is also visible.
- **Camera Feed** - Enhance your lessons by seamlessly integrating a document camera or webcam into the lesson slides.
- **Geographical Maps** - Use geographical maps to support your geography lessons. The software contains country, regional and world maps with countries, states, cities, waters and mountain regions.
- **Spotlight** - Use the spotlight to have students search on your interactive whiteboard. The spotlight darkens the entire page except for the illuminated portion. Drag or resize the spotlight and find what's hidden on the page.
- **Mind Maps** - This interactive classroom tool lets users create mind maps quickly and easily.
- **Calculator** - A calculator can be openen on the whiteboard, allowing teacher to instruct student on how to use a calculator.
- **Instruction Clock** - With this tool, you can teach various aspects of both the digital and analog clock like telling time or calculating time difference.
- **Table Maker** - With this tool, you can easily create a table. Determine the number of rows and columns, and the type of table you want to make.
- **Button** - Add a button to the lesson that links to any page or website. Buttons can be formatted in multiple ways.
- **Cover** - Hide and reveal content in your lesson slides.
- **Curtain** - A whimsical, full-screen curtain to hide and reveal something exciting!
- **Math Problem Generator** - This interactive classroom tool lets users create core arithmetic operations quickly and easily.
- **Pie Chart** - Create a pie chart using data from a table.
- **Timer** - Provide a visual indication of time limits for efficient classroom management.
- **Country Maps** - An interactive map to show one country at a time and teach about geography for that country.
- **Analog Clock** - Display the time and teach young students to read an analog clock.
- **Map of Europe** - An interactive map of Europe that can be used to teach countries, capital cities, waters, etc.
- **Name Picker** - Pick random names with fun animations, sounds, and customizable settings.
- **Graph Tool** - A tool that lets the user create a graph basd on a formula.
- **Sticky Note** - Write text on a note and ""stick it"" to your lesson slides!
- **Ten Frame** - Real-time sound level monitoring to measure classroom noise.
- **Text-to-Speech** - Written text can be converted to spoken text with this tool.
- **Today's Date** - Display the current day and date.
- **World Map** - An interactive world map with an integated search feature.

Touch Interface

- **Palm rejection** - In case the user places the palm (of their writing hand) on the board while writing, the software will reject the input from the palm of the hand.
- **Hand rejection** - In case the user places their non-writing hand on the board while writing (for stability), the software will reject the input from the resting hand.
- **Erase with Fist** - Users can erase content on the board by using their fist or palm of the hand. The feature can be calibrated to the user's preference.
- **Multi-touch** - The software supports unlimited touchpoints. The actual maximum touchpoints depends on the hardware/browser combination.
- **Gestures (scroll, page, zoom)** - You can navigate (pan/zoom) the canvas by using touch gestures.
- **Multi-mode** - Different modes can be assigned to a finger input versus a stylus input. That way teachers can easily switch between function without having to select the function on the toolbar.

User Interface

- **Adjustable Toolbar** - Users can enable/disable certain buttons of the toolbar to make it their own. These settings will be stored in their user profile.
- **Moveable Toolbar** - The toolbar can be moved to a different location.
- **Keyboard Shortcuts** - The most important features can be enabled using a keyboard shortcut.

Software Updates

The Gynzy software is updated automatically and continuously. The user does not have to restart the application to use the newest version.

Feature Development

The Gynzy software is continuously expanded and improved with new features based on the feedback we receive from teachers, schools, and partners.