

CRYPE Update V1.71.0

New Features, Improvements & Bug Fixes!

With this update, CRYPE becomes even more practical for daily use. You'll get a brand-new medical web app, better control over pending transmissions, clearer reachability indicators, many usability improvements, and important bug fixes.

New Features

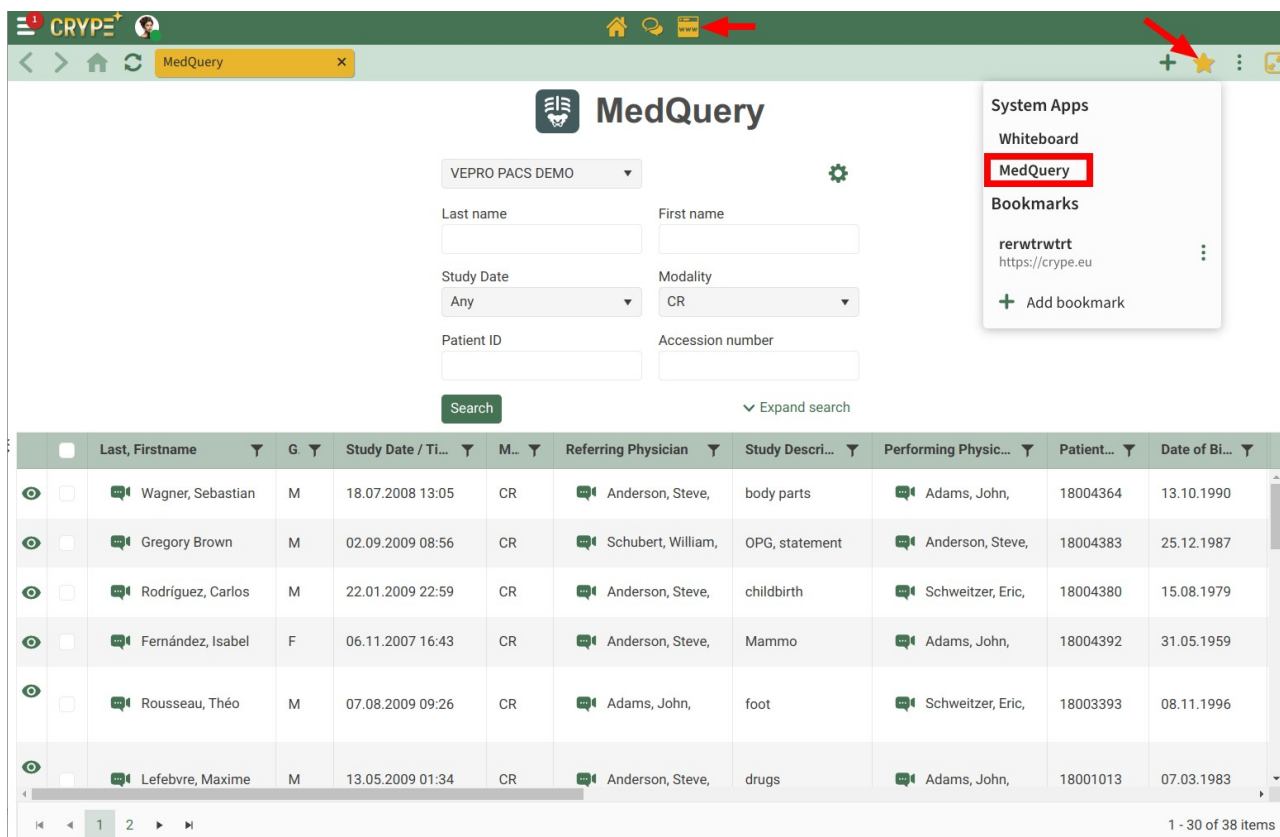
New System App: MedQuery

CRYPE now includes a new system app called **MedQuery**.

MedQuery gives you fast and direct access to radiological and cardiological PACS data – fully integrated into CRYPE.

You can:

- Search PACS data directly
- Open images and reports
- View studies immediately in the integrated viewer
- Continue working with the data directly inside CRYPE



The screenshot displays the MedQuery interface within the CRYPE application. The top navigation bar includes a home icon, a search icon, and a 'MedQuery' icon highlighted with a red arrow. The main content area features a search form with the following fields: 'Last name', 'First name', 'Study Date' (with a dropdown set to 'Any'), 'Modality' (with a dropdown set to 'CR'), 'Patient ID', and 'Accession number'. A 'Search' button is located below the form. A table of search results is displayed below the form, with columns for 'Last, Firstname', 'G', 'Study Date / Ti...', 'M...', 'Referring Physician', 'Study Descri...', 'Performing Physic...', 'Patient...', and 'Date of Bi...'. The table contains several rows of patient and study data. On the right side, a dropdown menu is open, showing 'System Apps' with 'MedQuery' highlighted in a red box. Other options include 'Whiteboard' and 'Bookmarks'. A red arrow also points to the dropdown menu icon in the top right corner.

	Last, Firstname	G	Study Date / Ti...	M...	Referring Physician	Study Descri...	Performing Physic...	Patient...	Date of Bi...
	Wagner, Sebastian	M	18.07.2008 13:05	CR	Anderson, Steve,	body parts	Adams, John,	18004364	13.10.1990
	Gregory Brown	M	02.09.2009 08:56	CR	Schubert, William,	OPG, statement	Anderson, Steve,	18004383	25.12.1987
	Rodríguez, Carlos	M	22.01.2009 22:59	CR	Anderson, Steve,	childbirth	Schweitzer, Eric,	18004380	15.08.1979
	Fernández, Isabel	F	06.11.2007 16:43	CR	Anderson, Steve,	Mammo	Adams, John,	18004392	31.05.1959
	Rousseau, Théo	M	07.08.2009 09:26	CR	Adams, John,	foot	Schweitzer, Eric,	18003393	08.11.1996
	Lefebvre, Maxime	M	13.05.2009 01:34	CR	Anderson, Steve,	drugs	Adams, John,	18001013	07.03.1983

If needed, you can also start a **video call or chat with patients or physicians in just one click** – directly from MedQuery.

Key benefits at a glance:

- No installation required
- Access anytime, from any location
- Multi-PACS support
- Integrated viewer for images and reports
- Direct communication with all involved parties

MedQuery supports **QIDO-RS** and **WADO-RS**, allowing direct access to medical imaging data from PACS systems that support these standards.

A demo PACS is already preconfigured in CRYPE, so you can try MedQuery right away.

Go to: **Web Apps** → **Favorites** → **System Apps** → **MedQuery**

Automatic Deletion of Expired Jobs

CRYPE can now automatically delete expired transmission jobs.

This applies to:

- C-mails that could not be delivered
- Synchronization jobs between your own devices that could not be completed

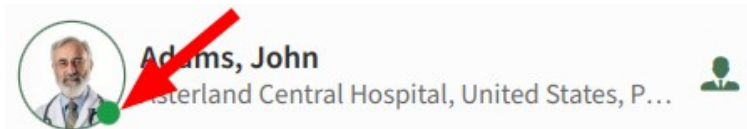
You can define how long such failed or expired jobs should be kept before deletion.

Go to: **Burger Menu** → **Dialog**

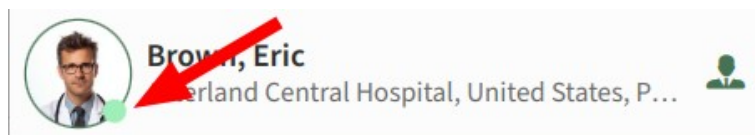
New Reachability Indicator on Avatars

User avatars now show more clearly how a contact can be reached.

- **Dark green badge** = the user is currently online and directly reachable



- **Light green badge** = the user is currently offline, but has a registered mobile device and can receive push notifications



Please note:

For incoming calls or C-mails, the user can receive a push notification.

For privacy reasons, no C-mail content is sent via push notification. The push message only shows that a message was received. The full content is only loaded after the user opens CRYPE.

Improvements

Better Usability Across the App

We have improved many small details throughout the app to make CRYPE easier and more intuitive to use.

Highlights include:

- The burger menu now closes automatically after opening the Activity Monitor
- Audio and video devices are refreshed automatically if they were temporarily unavailable
- CRYPE News is now shown only once per browser, instead of appearing repeatedly
- Search results in the Home panel now appear faster
- If a local search returns no result, CRYPE automatically continues the search in the CRYPE Directory
- Modal windows no longer close automatically after a few seconds — users can decide themselves
- The inline editor menu now has a more visible background
- On mobile devices, tapping an empty **To** field now redirects directly to the Home panel to help select recipients more easily
- Contact options in the three-dot menu are now arranged in a more intuitive order
- If a C-mail has replies or follow-up messages, a dedicated thread button is now displayed
- System apps and bookmarks are now better highlighted in the Web Apps panel
- Incognito users are now shown with a random ID and custom suffix in the UI
- **Reply**, **Reply All**, and **Forward** are now available directly in the C-mail header for faster access

Open PDF Links Directly in the Viewer

Links inside PDF files can now be opened directly from the CRYPE media viewer.

Completely Improved Activity Monitor

The Activity Monitor for pending transmissions and internal device synchronization has been redesigned.

This makes it much easier to understand:

- which transmissions are still pending
- which jobs failed
- what CRYPE is currently doing in the background

The logic behind the monitor was also improved to increase reliability and fault tolerance.

Selection Mode Now Works More Like Email Clients

Selection mode together with **To**, **CC**, and **BCC** has been improved and now behaves much more like users know it from classic email clients.

Improved Conference Panel

The conference panel has been redesigned to make call status, actions, and available features easier to understand during a call.

Automatic Cleanup of Expired Guest Data

If a guest user has expired or was deleted, CRYPE now automatically removes the related local database from the file system.

Select All Call Participants

You can now select all participants of a call at once using **Select All** in the dialog panel options.

This makes it much easier to:

- send a new C-mail to all call participants
- start a new group call with the same participants



Bug Fixes

We also fixed a number of important issues:

- The first call after starting the computer no longer stays in “connecting” state for too long
- Downloading large received files is now more stable
- Organization and department avatars are now displayed correctly in **My Profile**
- The Home panel now refreshes correctly again after clearing the search field
- Selected loudspeakers are now respected instead of always using the operating system default
- Empty chats can now be deleted properly from the Home panel
- Calls with Firefox on Linux now connect correctly
- The order of logged-in accounts is now kept correctly after restart
- Clicking email addresses inside a C-mail no longer opens the web app browser unnecessarily
- Push notifications now recover better after long offline periods
- On Android, the keyboard no longer stays open when starting a recording from the editor
- GIF files are now displayed correctly in the viewer
- Expired guest databases are now removed automatically
- Pasted text is no longer incorrectly treated as a link
- Changed device IDs in the operating system no longer break the selected media device settings
- **CWC (Communication with Consent)** messages now show a red badge like other important message types
- Email addresses are now recognized correctly in the editor on mobile devices
- Group calls no longer create multiple separate dialog messages for the same call
- Forwarding a C-mail no longer duplicates messages in the dialog panel

- Deleting history now also removes the chat entry from the Home panel
- **Save All** is now available for attachments inside child messages
- MKV files now get a thumbnail preview correctly

CRYPE Update V1.18.0

New Features, Improvements & Bugfixes!

With this version, CRYPE becomes even more secure, intuitive, and modern.

The update introduces new communication capabilities, a redesigned device management system, and numerous smart detail improvements.

New Features

Secure Push Notifications (Android)

CRYPE now supports push notifications – secure, anonymous, and privacy-compliant. No personal information about the sender or recipient is ever transmitted.

Stay reachable at all times, even on the go – currently available exclusively for **Android devices**.

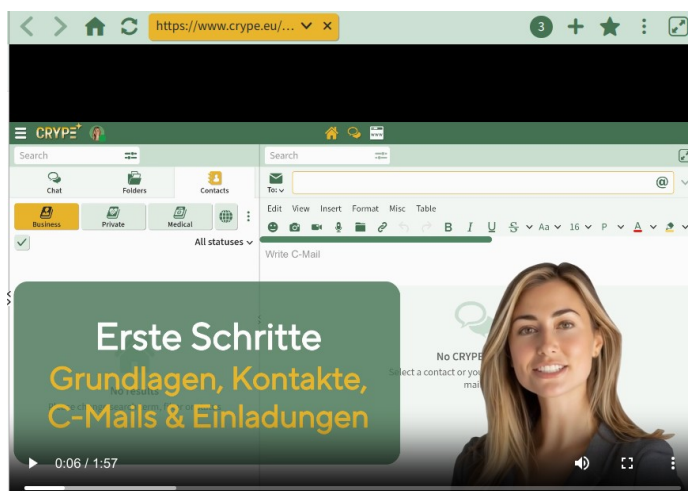
New Audio & Video Device Management

The detection and control of audio and video hardware have been completely redesigned. This makes device selection and usage in CRYPE smoother and more reliable – ideal for **meetings, calls, and screen sharing**.

Video Tutorials & CRYPE Guide

New: An integrated **help and learning section** featuring video tutorials and step-by-step guides.

Whether you're a beginner or an experienced user – you'll find all the tips you need to get the most out of CRYPE.



Automatic Login

Automatic login is now **enabled by default** until you log out manually. This means you can start CRYPE faster and stay connected at all times.

Incognito Account (formerly “Private User Account”)



The former private user account is now called **Incognito Account** – offering enhanced security and improved logic.

Communication with Incognito users follows several scenarios:

- **Incognito initiates communication:**
An Incognito user can always send C-mails or start calls. Their identity becomes visible to the recipient only after the recipient responds.
- **Incognito-to-Incognito via Invitation:**
Two Incognito users can connect using an **invitation link** (e.g., sent by email). Once accepted, both accounts can communicate freely and permanently.
- **C-mails with Incognito recipients:**
In C-mails involving Incognito users, they remain *anonymous* until they respond.
- **Conferences with Incognito users:**
Incognito participants appear as anonymous until they react or send a response, after which their identity becomes visible.

More privacy, more control – with the new **Incognito Mode**.

Improvements

- **C-mail Shortcut:**
You can now send C-mails instantly using **Ctrl + Enter**.
- **Optimized User Interface:**
 - The job dropdown in the activity monitor now also displays the C-mail content.
 - When multiple users are logged in, their order remains fixed; the last active user is automatically restored after restart.
 - When replying or forwarding a C-mail, the cursor is placed directly in the editor.

- The send icon now indicates whether a message has been replied to or forwarded.
 - The “Mark as read” option only appears if unread messages exist.
 - Call messages in the dialog panel now have their own three-dot menu.
 - Web apps close automatically when the last tab is closed.
 - The busy tone during calls now loops five times.
 - In Android apps, tapping on the CRYPE header now closes the burger menu.
- **Recipient Suggestion:**
For improved privacy, if more than 10 CRYPE recipients are added in the *To:* field, CRYPE automatically suggests moving them to *BCC:* – and does so automatically with your approval.
 - **Faster Startup:**
Application startup speed has been significantly improved.
 - **Video & Screen Sharing:**
Default settings have been simplified and stabilized.
 - **Invitation Process:**
Audio and video devices are now recognized automatically, and users are intuitively guided through the entire process.
 - **Update Behavior:**
After an update, the app is automatically brought to the front.
 - **Enhanced Security (Android):**
Android cloud backups are now disabled to improve data protection.
-

Bugfixes

- Inserted links in the editor are now correctly recognized.
- News items are displayed properly again on Android devices.
- Expired message status is now correctly synchronized across devices.
- The “Save All” function in the Linux app dialog panel now works properly.
- Device type now appears correctly in device settings.
- Multi-selection of users no longer causes performance issues.
- Drag-and-drop or copy-and-paste of files into the editor now works without errors.
- Invitations sent to guest accounts no longer trigger errors.

- Large files can now be transmitted without issues on Android.
- Organization members can now register directly under an organization (no division required).
- PDF sending via the browser app works again.
- After deleting unread messages, the red badge is updated correctly.
- Landscape mode on Android tablets is available again (previously limited to portrait).
- Web apps now open links **only once**, instead of twice.

With these updates, CRYPE continues to evolve into an even more powerful, secure, and user-friendly communication platform – whether in hospitals, offices, or on the go.

CRYPE Update V0.238.0

New Features, Improvements & Bugfixes!

We've been working hard to make CRYPE even more powerful, user-friendly, and versatile. With this update, you'll get exciting new features, smart improvements, and an overall smoother experience.

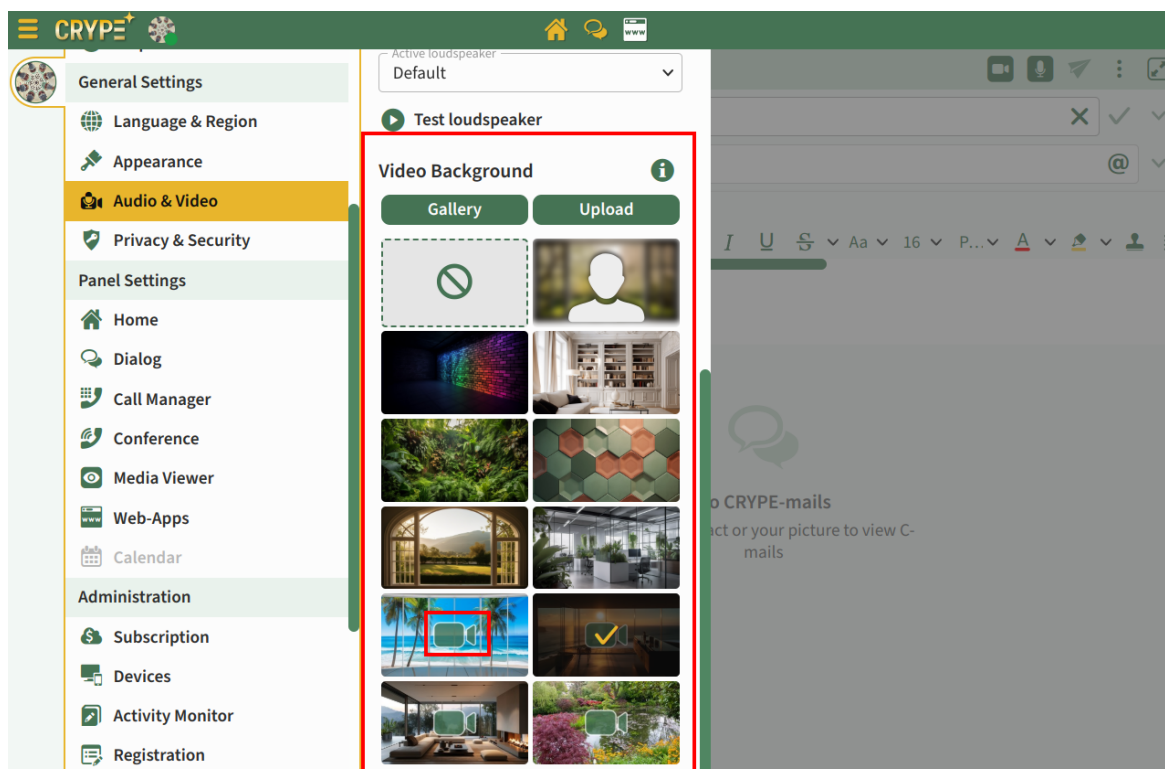
New Features

Replace Video Background

In video conferences, you can now replace your background with the help of **AI-based recognition**.

- Choose from a built-in gallery of attractive images and videos.
- Or upload your own pictures and videos.
- CRYPE automatically detects people in the foreground and replaces the background with your chosen media.

More privacy, more professionalism – and more fun in every conference!

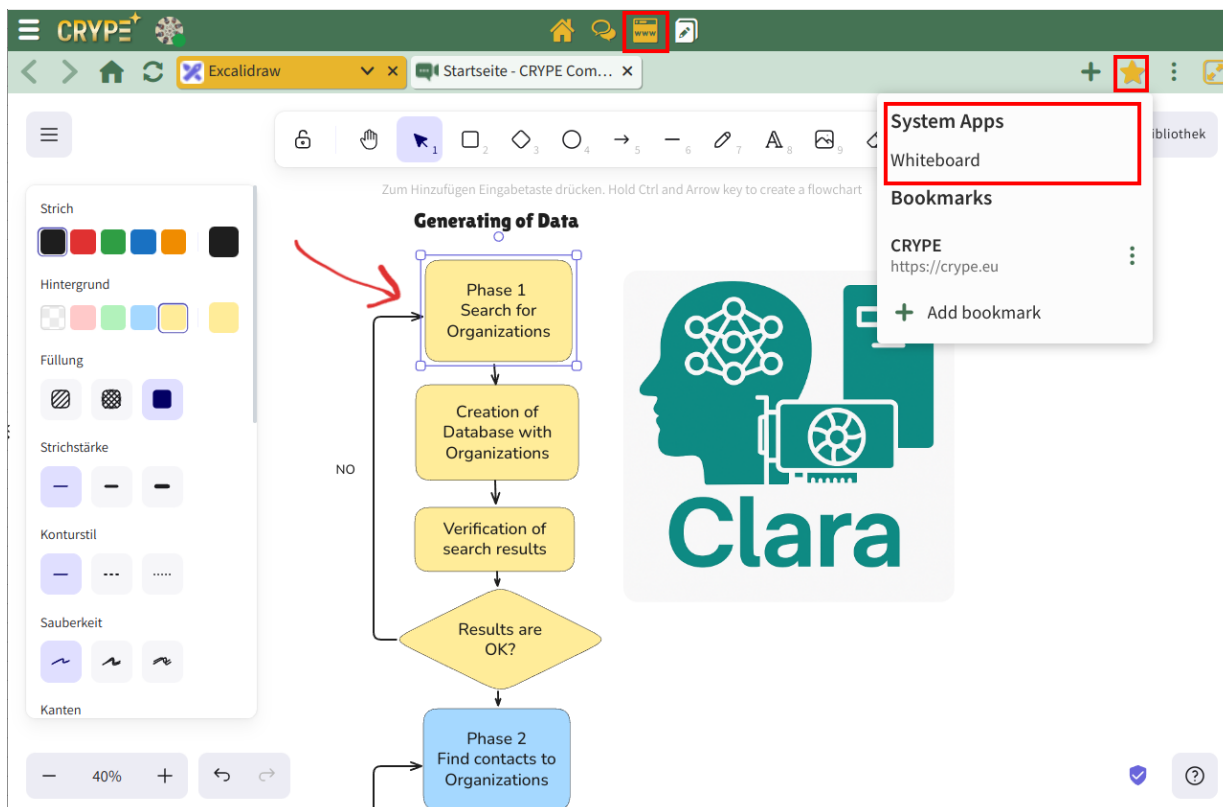


Integrated Whiteboard

Creative collaboration has never been easier! The new **Whiteboard in the Web-Apps Panel** allows you to **brainstorm, sketch, and visualize ideas** – live in your meetings.

- Use shapes, colors, text, and freehand drawing.
- Collaborate with multiple users on the same whiteboard in real time.
- Share your whiteboard sessions directly during video conferences.

A true game-changer for workshops, training sessions, and creative teamwork!



More Languages Available

CRYPE now supports **10 languages!** Newly added:

 Italian,  Portuguese,  Turkish,  Japanese, and  Arabic.

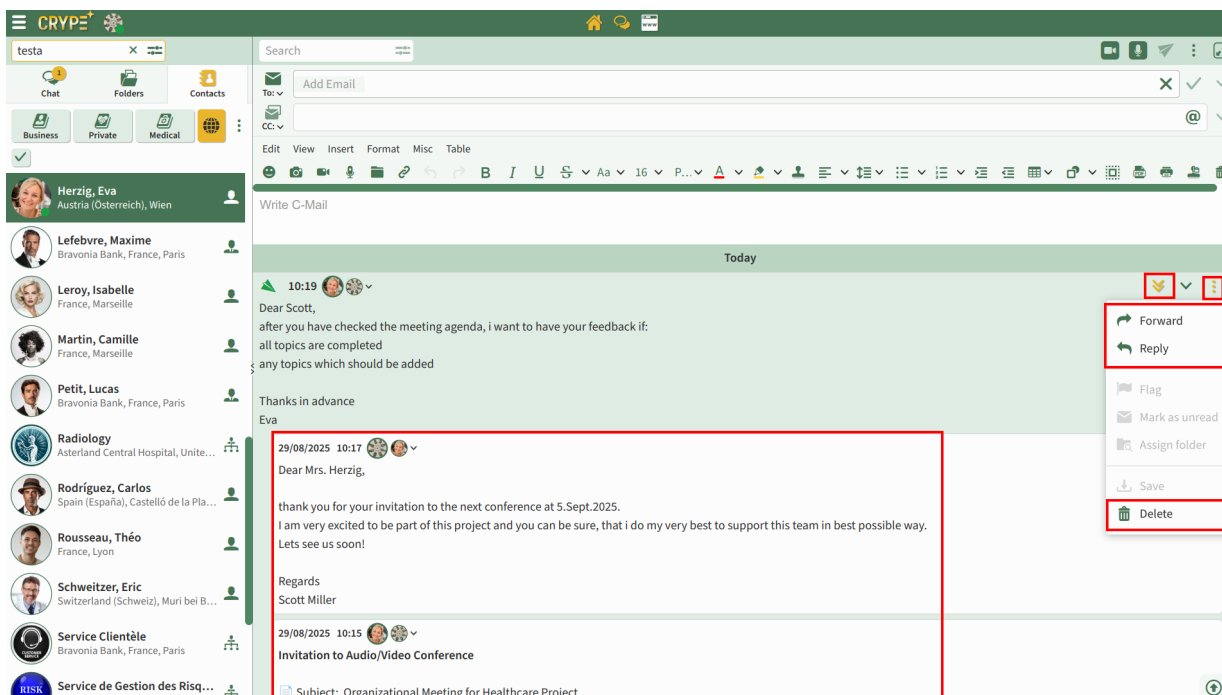
This makes CRYPE even more accessible and user-friendly worldwide.

Reply, Forward, or Delete C-mails Instantly

Finally available:

- **Reply, reply all, or forward** – directly from within a C-mail.
- Individual C-mails can also be deleted.

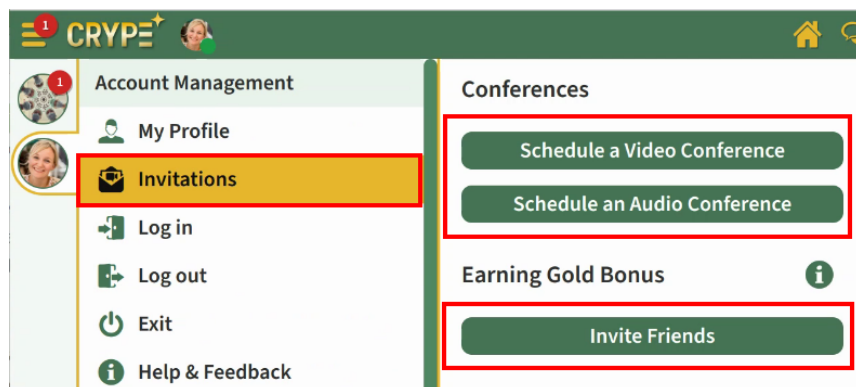
This makes communication much more efficient.




Improved Conference Invitations

The templates for audio and video conference invitations have been completely redesigned:

- Add comments and file attachments directly to your invitations.
- Invitations can also be sent to external recipients who only have a regular email address.



10:15 

Invitation to Audio/Video Conference

Subject: Organizational Meeting for Healthcare Project

Date: 5. Sept. 2025

Time: 14:00

Click the conference link: [Join CRYPE Video Conference](#)

Or copy and paste this link into your browser:
<https://test.staging.crype.eu/?video=1&audio=1&cmail=0&requestName=1&calleid=2946495707836497>

Add comments and attachments:
 Here is attached our Agenda for this meeting:




Send Large Files – Without Limits!


The previous 2 GB limit is gone.


- You can now send **files of any size directly via Peer-to-Peer**.
- Track sending and receiving progress live in the dialog panel or activity monitor.

Today


08:33 


Dear Eva,
 attached, the greatest Video in HighRes 16K and 60 FPS ever seen. Hope you have enough space on your computer, be





Places Too Bea... 

Activity Monitor ✕


Pending Tasks


Failed tasks


Notifications



Herzig, Eva
 Austria (Österreich), Wien

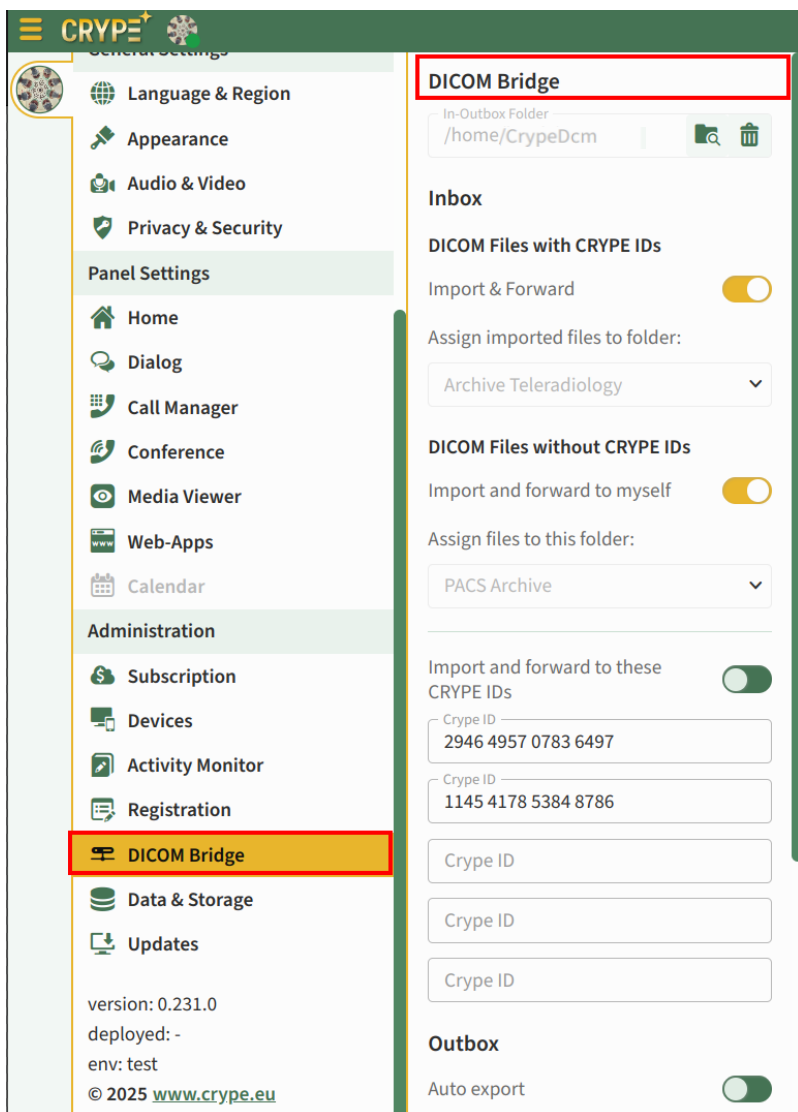
30 Aug 2025, 08:33:50 18:03 ▼

DICOM Bridge – E-Health Connect

With **DICOM Bridge**, CRYPE becomes the safest, fastest, and most cost-effective solution for exchanging medical data.

- Send DICOM files from PACS systems directly into CRYPE.
- Automatic packaging into ZIP files with Peer-to-Peer transfer.
- Recipients can import files directly into their target PACS.
- Patients can store data in their **personal health record** in CRYPE and share it only when needed with medical professionals.

This enables fully automated sending and receiving of medical data.



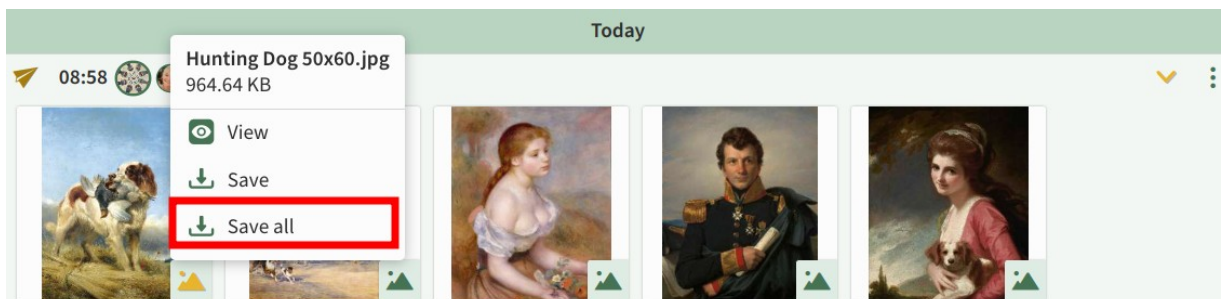
The screenshot shows the CRYPE+ settings interface. On the left is a navigation menu with categories: General Settings, Panel Settings, Administration, and System Information. The 'DICOM Bridge' option is highlighted in the Administration section. The main content area is titled 'DICOM Bridge' and contains the following settings:

- In-Outbox Folder:** /home/CrypeDcm
- Inbox:**
 - DICOM Files with CRYPE IDs:** Import & Forward (toggle on). Assign imported files to folder: Archive Teleradiology.
 - DICOM Files without CRYPE IDs:** Import and forward to myself (toggle on). Assign files to this folder: PACS Archive.
 - Import and forward to these CRYPE IDs:** (toggle on). Includes input fields for Crype IDs: 2946 4957 0783 6497 and 1145 4178 5384 8786.
- Outbox:** Auto export (toggle on).

At the bottom left of the settings panel, the following information is displayed: version: 0.231.0, deployed: -, env: test, © 2025 www.crype.eu.

📁 Download All Attachments with One Click

All attachments of a C-mail can now be downloaded **together with a single click**.



🔒 Two-Factor Authentication (2FA)

From now on, you can make your CRYPE login even more secure: Activate **Two-Factor Authentication** in the *Privacy & Security* menu.

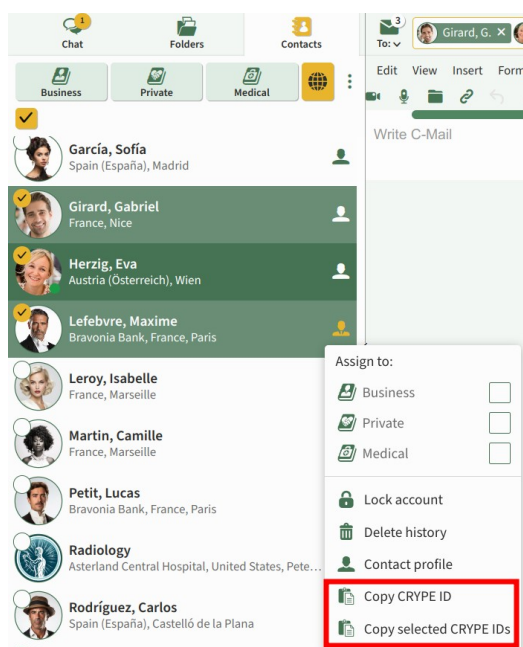
Each time you log in, you will receive a confirmation code sent to the email address linked to your account.

⚠️ Please note: Enabling 2FA applies to all devices you use to log in to CRYPE.



🌟 Improvements

- **Conference Invitations:** The inviting user is now always automatically the host, even when being called.
- **Contact Synchronization:** Devices can now be individually synced with the sender's address book.
- **Profile Pictures:** Profile photo changes are now automatically updated once you reconnect with a user.
- **CRYPE ID Search & Copy:**
 - Copy single IDs or multiple selected ones at once.
 - Ideal for third-party apps like DICOM Bridge or automated workflows.



🔒 Higher Security

CRYPE IDs now include a **check digit based on the Verhoeff algorithm** – even more secure than credit cards.

➔ This allows external systems to easily verify the validity of a CRYPE ID.

↻ Optimized Device Synchronization

The synchronization process has been reworked for smoother, more reliable operation.

Bugfixes

- Fixed crashes when **sharing screen with audio**.
- Fixed issues with automatic **favorite device assignment**.
- **Camera icon** is now visible again in Spotlight Mode during video conferences.
- **PDF files** now display correctly.
- Adjustments made to the **Android panel view**.

👍 With these updates, CRYPE takes your digital collaboration to the next level – secure, fast, and easy to use!

CRYPE Update V0.174.0

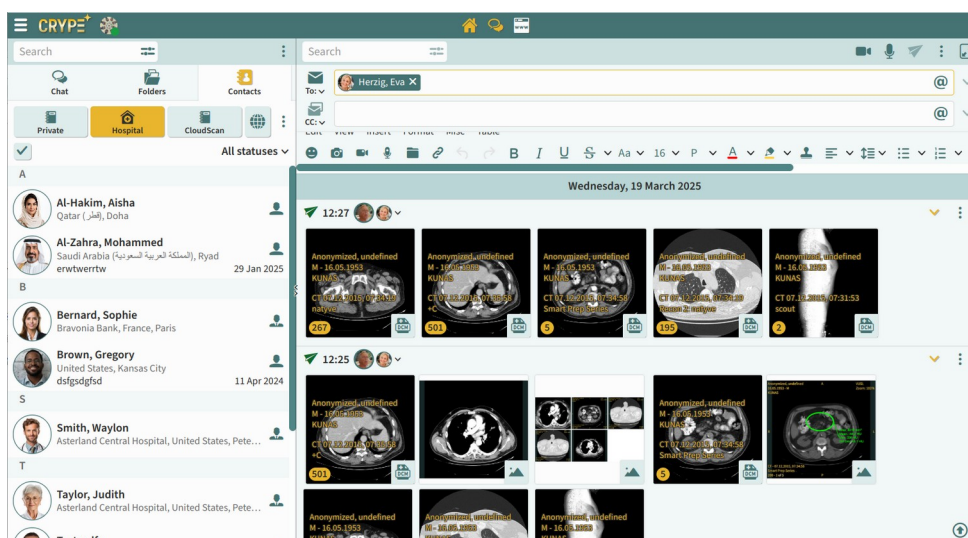
New Features, Improvements & Bug Fixes!

We've been working hard to make your experience even better! Here's what's new:

New Features

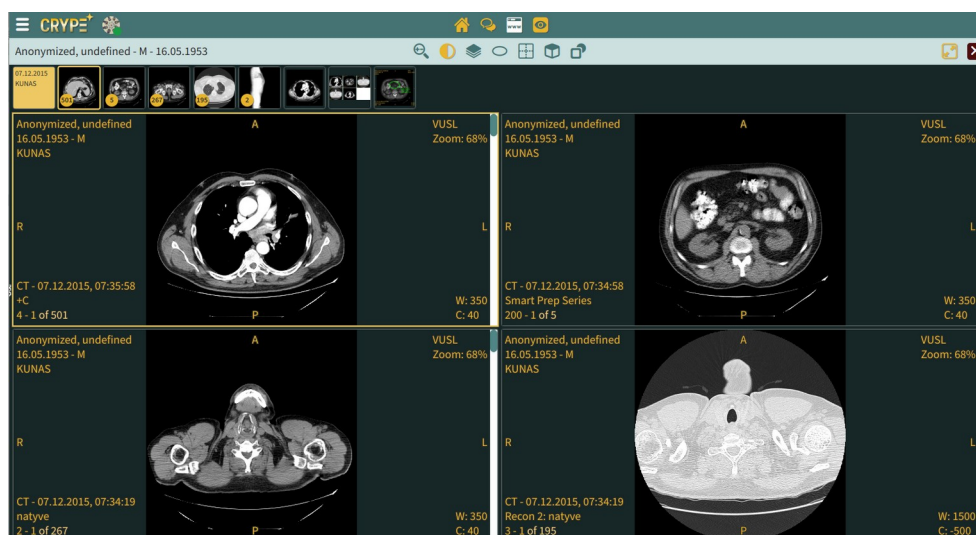
-  **Medical Image and Report Communication**

Medical images and reports in DICOM or PDF format can now be imported into the CRYPE Dialog Panel as single files or ZIP containers. CRYPE automatically organizes them into studies and series, creating a ZIP file for each series, which can be transferred to patients or doctors. The maximum size of a ZIP file is 2 GB.



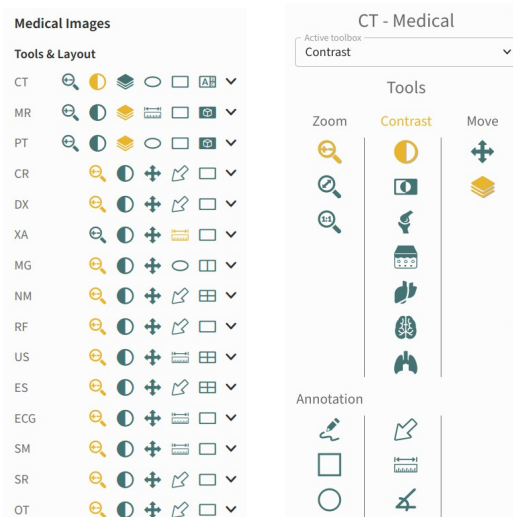
-  **Display and Process Medical Data in Full Quality**

You can now view original DICOM files directly in the app with full quality! Many new tools are available for processing and organizing images. *(Note: DICOM images are not intended for diagnostic use in the EU.)*



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Configurable Medical Images Display Settings

Default parameters for displaying DICOM files ("Hanging Protocol") can now be configured in the Burger menu.



- 
Invitation Features

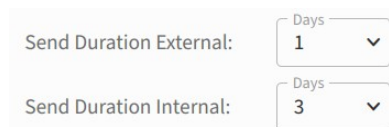
The **Burger Menu** now includes an **"Invitations"** section, allowing users to invite others via **CRYPE** or **email**. The invited user will receive a **link** that lets them **start the conference directly in their browser**.

Additionally, you can now **invite friends or business partners via email through CRYPE**. They will receive a **registration link**, allowing them to sign up for CRYPE easily.



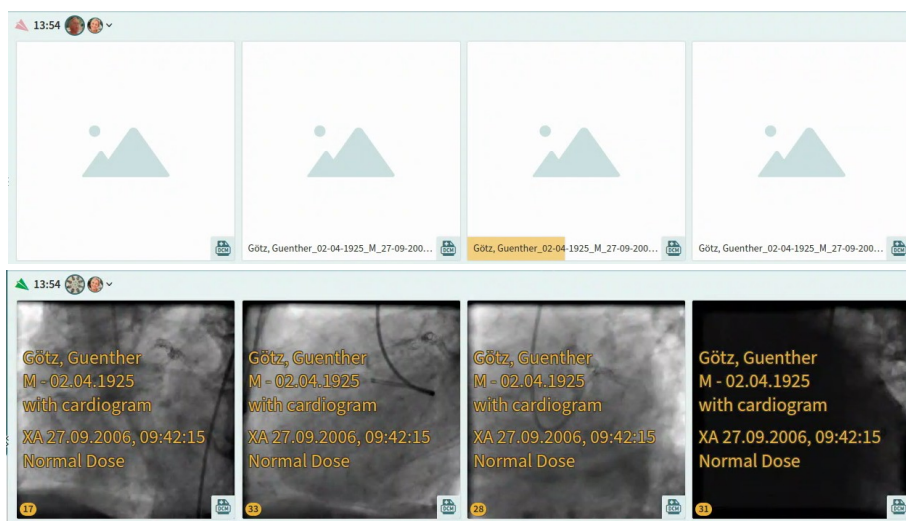
- 
Enhanced C-Mail Functionality

Customize how many days a C-Mail should be retried if the recipient is offline – the same option is available for synchronizing internal devices.



- 📎 **Improved Attachment Handling**

New UI and behavior: You can now track the progress of incoming and outgoing file transmissions.



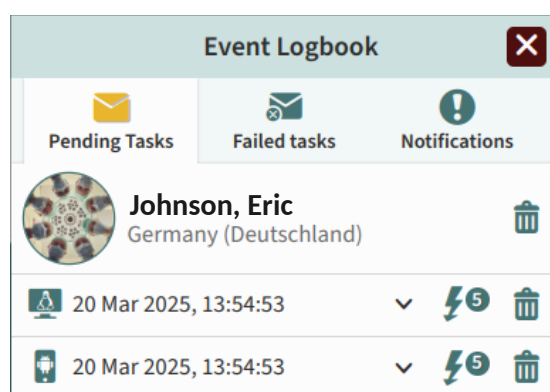
- 📊 **Subscription Type Display**

Users can now see their subscription type directly in the UI.



- ⚡ **Prioritized Communication & Synchronization**

C-Mails and communication jobs are now prioritized to improve synchronization. The Event Viewer panel has also been enhanced.



- ☎ **Direct Support Contact**

Users can now contact our support team directly from the app.

- 📰 **News & Updates Directly in the App**

We can now share important news, tips, and information with our users via CRYPE and the web apps panel.

🌟 Improvements

- 📺 **Media Viewer Overhaul**
Now supports more file types without requiring external applications.
- ⚡ **Faster Dialog Panels**
Optimized caching for a smoother user experience.
- 📁 **Improved Web App Panel**
 - Default behavior refined
 - Shared links open directly in the Web App Panel
 - Dropdown menus close more intuitively
- 🎨 **Consistent UI & Design**
 - Better layout for empty panels
 - Updated icons for clarity
 - Improved communication icons
- ✉️ **C-Mail Enhancements**
Users can now mark all C-Mails as read with one click.
- 🔄 **Optimized Device Synchronization**
Device sync processes have been improved for smoother performance.
- 🔒 **Enhanced Security**
We have migrated from MD5 to SHA-256 for stronger encryption.
- 📱 **Android Enhancements**
 - Faster app startup
 - Improved default behavior & settings for a better experience
- 🌐 **Support for New Browsers**
Yandex is now officially supported.
- 🔔 **Improved Notification Visibility**
Important warnings and messages are now displayed as modal windows instead of toaster notifications.
- 🛡️ **Improved Network Detection in Conferences**
New shield icons indicate if a participant is connected via the same internal network.
- 🖥️ **Optimized Screen Sharing**
The screen-sharing feature has been improved for better and scalable quality – especially on high-resolution monitors.

Bug Fixes

- Arrows between panels displayed incorrectly
- "File could be harmful" popup wouldn't close
- PDFs were not displayed in the Android viewer
- Viewer arrows disappeared unexpectedly
- "Insert URL" modal wouldn't close when clicking outside
- Wrong notification badge color
- Incorrect icon color for incoming calls during call merging
- Wrong icon for the dialog panel in the Burger menu
- Automatic call reconnection after short connection loss
- Links opening in a new tab now work in the Web App Panel
- Access token not renewing after 2 months
- Avatars jumping on hover in messages
- Incorrect time zone display in the Burger menu
- Spotlight mode now correctly saves previous state
- Email templates were not fetching translations correctly
- Fixed sound playback issues