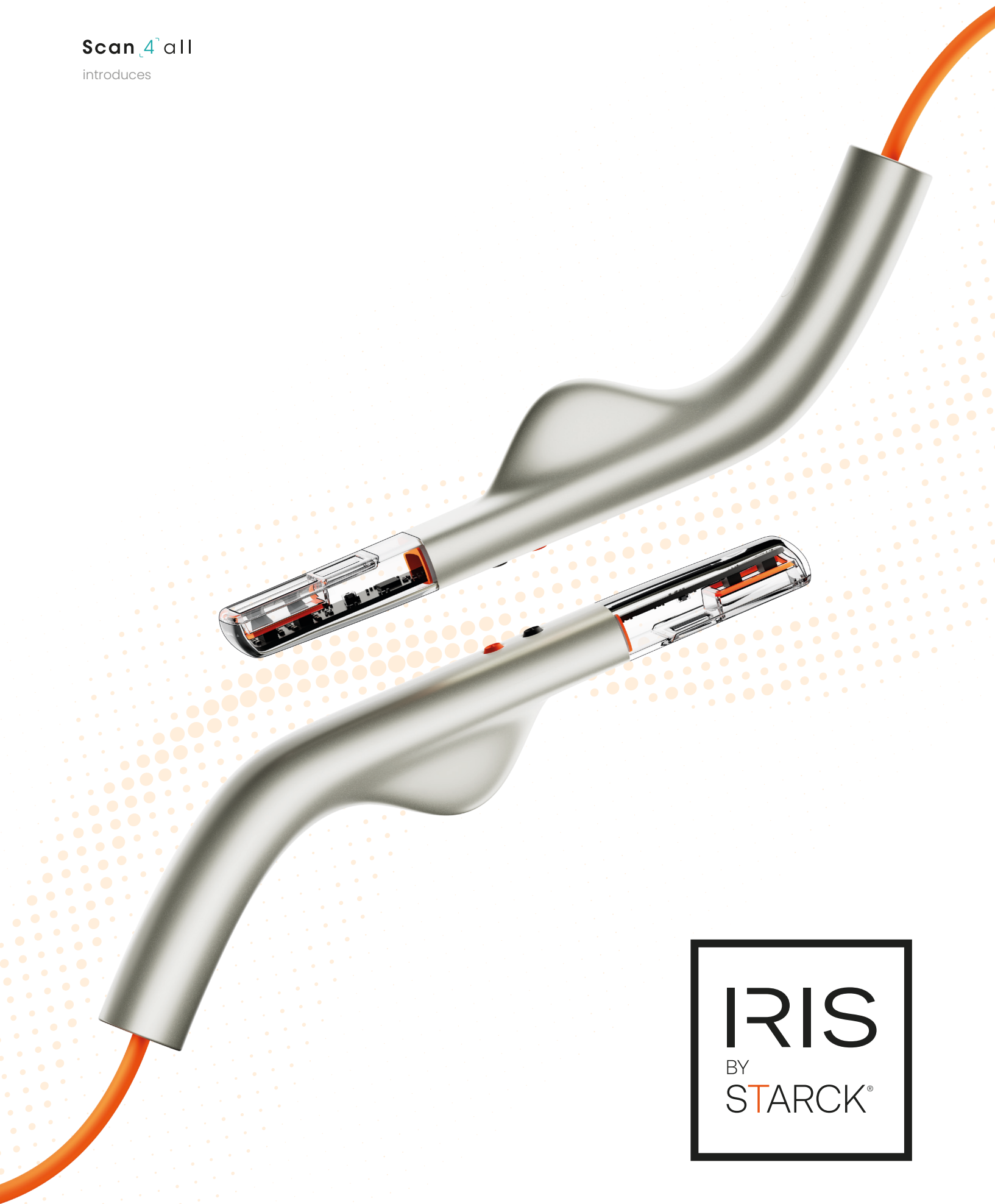


Scan4all
introduces



USER MANUAL

Contents

- 1. GENERAL OVERVIEW 5**
 - 1.1. PRODUCT DESCRIPTION 5
 - 1.2. GETTING STARTED GUIDE 6**
 - 1.2.1. RECEIVING THE DEVICE..... 6
 - 1.2.2. DEVICE OVERVIEW..... 6
 - 1.2.3. ASSEMBLY AND INSTALLATION..... 7
 - 1.2.4. INSTALLATION ON YOUR COMPUTER VIA USB STICK 8
 - 1.2.5. ACTIVATING YOUR LICENCE 9
 - 1.2.6. CHANGE YOUR COMPUTER PASSWORD..... 9
 - 1.2.7. HOME PAGE OF YOUR IRIS BY STARCK®10
- 2. KEY FEATURES11**
 - 2.1. MY ACCOUNT 11
 - 2.2. MY PATIENTS 13
 - 2.3. MY ORDERS..... 14
 - 2.4. PARTNER ENVIRONMENT..... 15**
 - 2.4.1. HOW DO I CONNECT WITH MY PARTNERS?15
 - 2.4.2. HOW TO DELETE A PARTNER?16
 - 2.5. SCAN..... 17**
 - 2.5.1. SCAN IN REAL TIME..... 17
 - 2.5.2. DIRECT SCAN19
 - 2.5.3. GUIDED WORKFLOW 21
 - 2.5.4. OPEN WORKFLOW..... 22
 - 2.6. ACT ON MY 3D FOOTPRINT.....23**

2.6.1.	VISUALISATION FUNCTIONS	23
2.6.2.	SCAN TAB : MANAGE AND MODIFY THE IMPRESSION	24
2.6.3.	TOOLS TAB : STANDALONE ENHANCEMENTS	25
2.6.4.	ANALYSE TAB : EXPLORE AND ANALYSE.....	26
2.6.5.	EVEN MORE EXPERTISE IN OCCLUSION.....	27
2.7.	IRIS CONNECT	28
2.7.1.	MY MESSAGING	29
2.7.2.	MY CONTACTS.....	29
2.7.3.	TEAM CREATION.....	30
2.8.	MY SETTINGS	31
2.9.	MY NOTIFICATIONS.....	33
2.10.	SYSTEM INFORMATION	35
2.11.	OFFLINE USE.....	36
2.12.	SHUTTING DOWN YOUR DEVICE	36
3.	HANDPIECE MAINTENANCE	37
4.	CERTIFICATION & COMPLIANT USE.....	38
4.1.	CE CERTIFICATE	38
4.1.1.	REGULATORY PICTOGRAMS.....	38
4.2.	INTENDED USE	39
4.3.	COPYRIGHT	39
4.4.	RESPONSIBILITY.....	39
5.	SAFETY	40

5.1. GENERAL INSTRUCTIONS	40
5.1.1. SOFTWARE	40
5.1.2. HARDWARE	40
5.1.3. REPAIR	40
5.1.4. SAFETY INSTRUCTIONS	40
5.1.5. CONTRAINDICATIONS	41
5.2. PRECAUTIONS AND WARNINGS	42
 6. DISPOSAL	 42
 7. TROUBLESHOOTING	 43

1. GENERAL OVERVIEW

1.1. Product description

Congratulations! You have just purchased IRIS BY STARCK®, a comprehensive digital impression solution designed for oral health professionals. IRIS BY STARCK® is an optical impression system for dental restorations and 3D visualisation. It creates 3D reconstructions, useful for dental restoration and 3D visualisation of the oral cavity. This method replaces traditional impressions, known as chemical-manual. There are no restrictions regarding the patient population.

Enjoy a secure, open, scalable and interoperable platform thanks to standard formats (including STL and PLY) that allow you to centralise the entire dental treatment workflow: from initial examination to prosthetic manufacturing, including patient record management, collaborative work, interprofessional exchanges and order tracking.

Developed and manufactured by Scan4all, this medical device combines an ergonomic handpiece with powerful proprietary software to create a 3D model of the entire oral cavity.



So why "BY STARCK" ?

Scan4all

Developed and manufactured by Scan4all, the handpiece was specifically designed in collaboration with Philippe Starck. The IRIS BY STARCK® camera stands out for its organic, biomimetic lines and a shape adapted to the user's morphology, and this cooperation reflects a shared philosophy.

IRIS BY STARCK® is part of a concrete approach to reducing environmental impact :

- › The handpiece is powered by a power cord, eliminating all battery-related waste (production, consumption and recycling). This also ensures additional image reliability.
- › Disinfection does not require changing tips or disposable parts.

This user manual has been written for you and is intended to familiarise you with the features of your IRIS BY STARCK® intraoral camera. It also enables you to use it safely. Please read it carefully before using your IRIS BY STARCK® and keep it handy for future reference. To avoid any risk of injury or damage to property, please follow the safety instructions carefully.

1.2. Getting started guide

1.2.1. Receiving the device

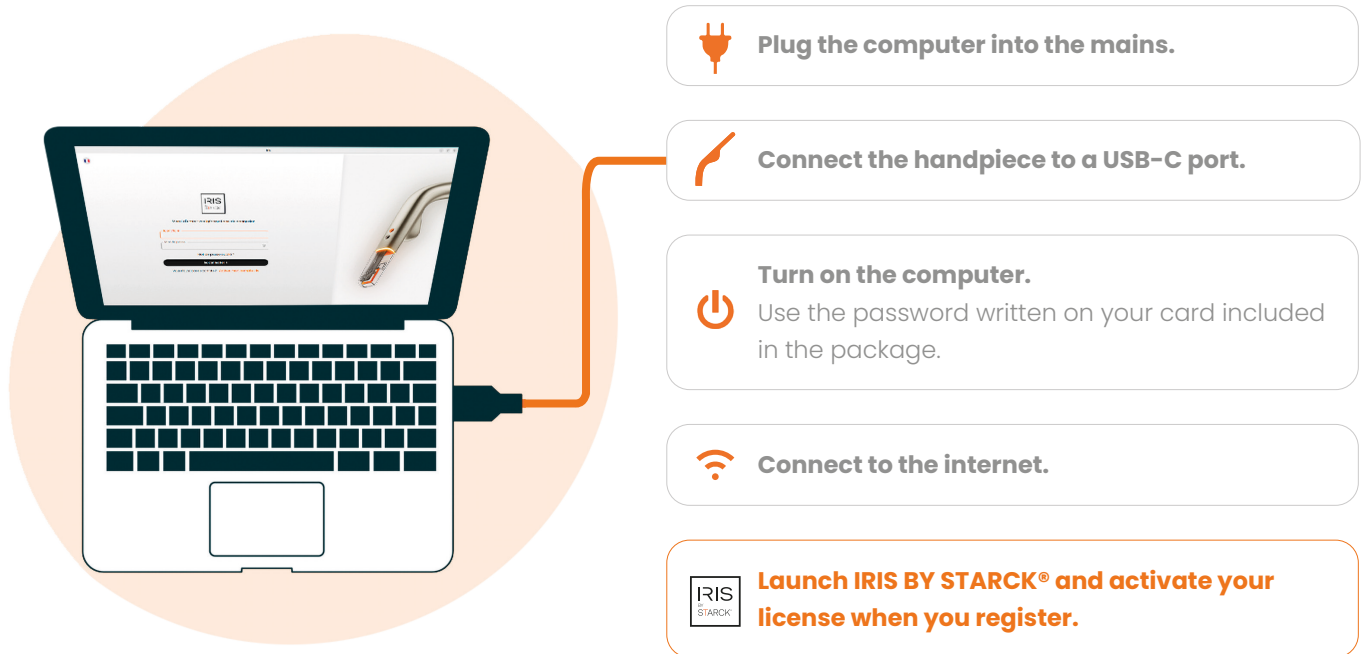
The device is rigorously tested before leaving the factory. Upon receipt, it is necessary to carry out the following check: use the points below to verify that the equipment is complete and that there is no visible damage. If the device has been damaged during transport, refuse the package, contact the carrier and inform the sender. If the device needs to be returned, please use the original packaging for shipping.

1.2.2. Device overview

		
1 x Handpiece IRIS BY STARCK®	1 x ready-to-use laptop	1 x SECURE.ID card with your login credentials
		
1 x Support base	1 x Disinfection base	4 x Pairs of black glove
		
1 x Microfiber cloth	1 x USB flash drive	1 x Quick start

1.2.3. Assembly and installation

Place the IRIS BY STARCK® computer on a flat, stable surface, away from significant sources of heat, humidity or dust. We strongly recommend that you read the user manual for your laptop beforehand.



The IRIS BY STARCK® medical device consists of a handpiece and dedicated software.



Two possible scenarios

You will receive a computer that has been pre-installed, configured and optimised by SCAN4ALL and is ready to use with IRIS BY STARCK®.

You can activate your licence directly (section 1.2.5 on the following page).

You have an installation key and your computer meets the required specifications.

Ensure that your computer meets [the specifications](#) provided by SCAN4ALL or your distributor, then proceed to the next page (section 1.2.4 to install IRIS on your computer).

1.2.4. Installation on your computer via USB stick

1



Plug the computer
into a power outlet.

2



Turn on the computer and **press**
the **"DEL" key several times** to
enter the BIOS.

3

Security
SECURE BOOT

Go to the "SECURITY" tab and
select "SECURE BOOT".

4

Secure Boot Support
DISABLED

If the **"SECURE BOOT SUPPORT"**
option is **"ENABLED"**, set it to
"DISABLED".

5

SAVE CHANGES
AND RESET

Select the **"SAVE & EXIT"** tab, then
"SAVE CHANGES AND RESET" to
restart.

6



After the system restarts,
shut down the computer.

7



Insert ONLY the IRIS BY STARCK®
USB drive.

8



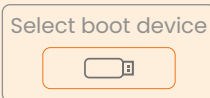
Connect the computer to the
internet using an RJ45 cable
(not included).

9



Turn on the computer and **press**
F11 several times until the boot
menu appears.

10



In the boot menu :
select the line that begins
with "UEFI".

11



The installation will begin, please
wait until the computer restarts.
The computer's **default password**
is on your SECURE.ID card.

12



Click the
"IRIS Hardware test"
icon and run the test. Once it's
successful, a new icon will appear.

13



Click on the
"IRIS Installer" icon and enter
your installation code shown on
your SECURE.ID card.

14



The installation
of IRIS BY STARCK® is starting.
The time it takes depends on your
internet speed, **please wait.**

15



The computer is restarting.
The computer's default password
is on your SECURE.ID card.

16



Installation is complete.
Launch IRIS BY STARCK®
and sign up.

17



When you register, enter your
license number shown on your
SECURE.ID card.

Your USB drive :
a reusable tool.

Once your computer is set
up, you're free to use your USB
drive as it suits you best.

Your USB key, a reusable tool

Each IRIS BY STARCK® pack contains a ready-to-use installation key. Once your computer is set up, you are free to reformat the USB key for your own use.



Can I use IRIS BY STARCK® without an internet connection ? Yes, once activated, you can scan and use the IRIS software without restriction. Only sending your orders requires an internet connection.

1.2.5. Activating your licence



Use the number printed on your SECURE.ID card (the "installation code" field is only for those who need to use the installation USB key).

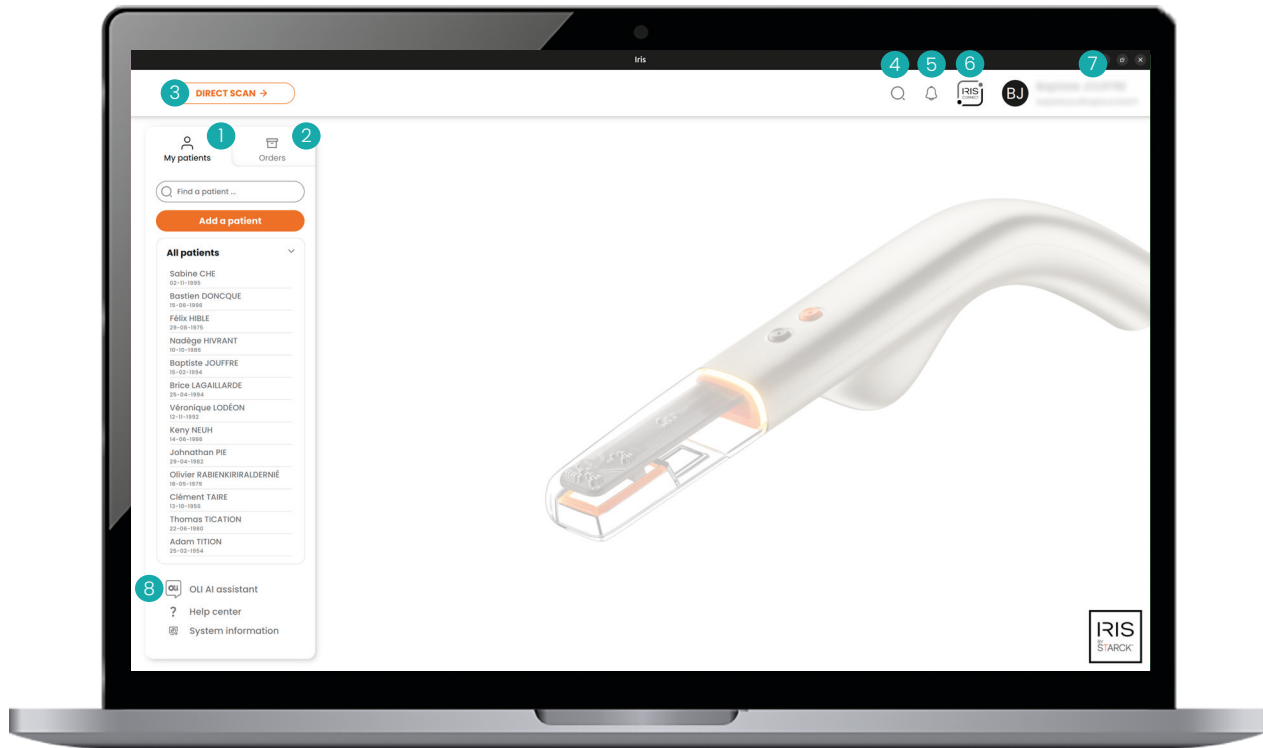
Launch IRIS BY STARCK®, click on "Activate my account" and enter your licence number when registering using the unique number printed on the card included in your package.

1.2.6. Change your computer password

Remember to secure your environment.

When you log in to your computer for the first time, you must enter the password printed on your card opposite. Change the password immediately by going to your computer settings : **Settings > System > Users > Password**.

1.2.7. Home page of your IRIS BY STARCK®



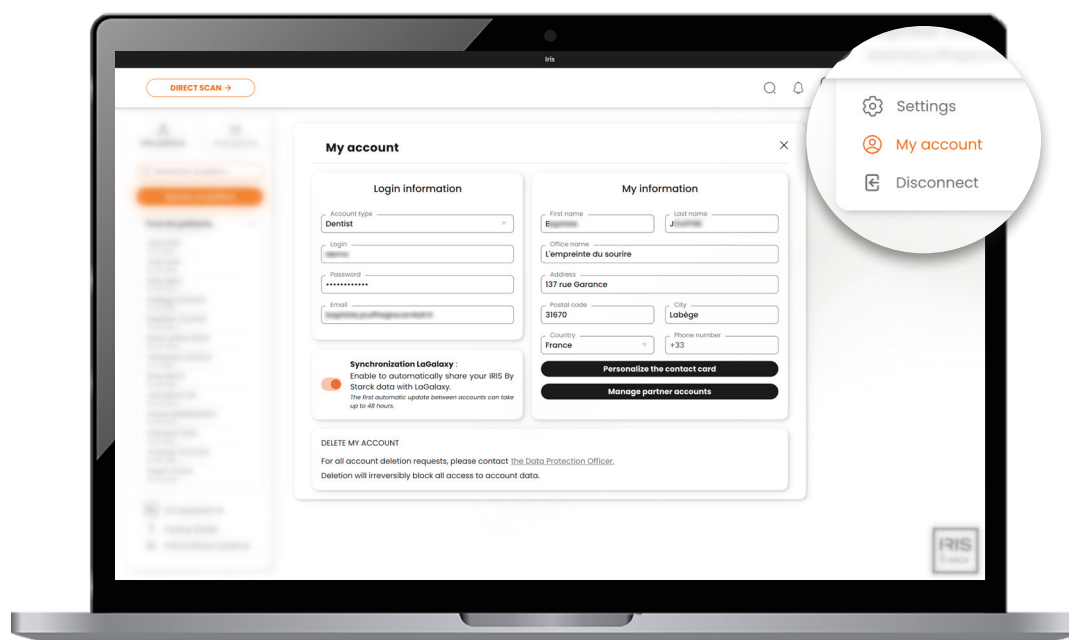
Enjoy a completely free, autonomous and ergonomic ecosystem that naturally supports you in your daily life.

- 1 Manage the list of all my patients : search and add.
- 2 Manage my orders : creation, tracking and history.
- 3 Start a scan without prior information.
- 4 Search bar (patients, employees, or messages).
- 5 Notification center for actions related to your contacts and orders.
- 6 **IRIS CONNECT** : collaborate, discuss, share, manage my contacts and my team.
- 7 My account and settings.
- 8 Chat with OLI, an integrated artificial intelligence that provides level 1 technical support.

2. KEY FEATURES

2.1. My account

Access my account

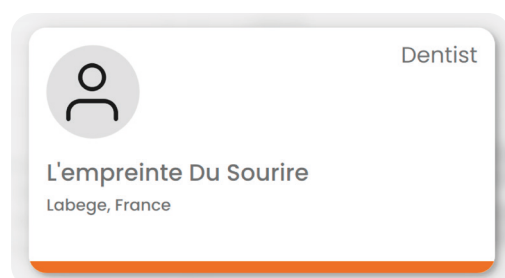


The "My account" tab allows you to **view and edit your personal information** at any time. Convenient and quick, you remain in complete control of your data from your IRIS BY STARCK® interface.

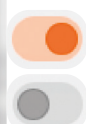
 **Internet required :** You must be connected to the internet to change your username, password or associated email address.

Change your information

Your visibility on the exclusive IRIS BY STARCK® network is yours to control. Enjoy the collaborative benefits of the directory while maintaining control over your information.



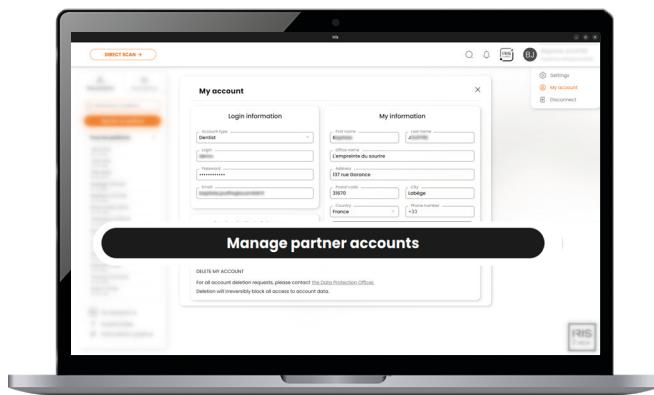
Customise the information displayed on your automatic contact card.



Show or hide the name of your firm.

Show or hide your first and last name.

Manage Your Partner Accounts



To streamline your daily order processing, you can connect your account :

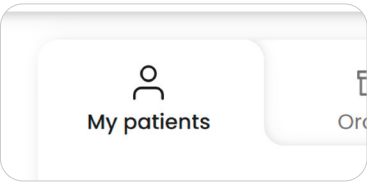
- › to partner services (by enabling data synchronization or pairing with them).
- › by inviting your own partners, directly from IRIS CONNECT.

Learn more about ["2.4. Partner Environment"](#), page 15.

Account deletion

For any account deletion requests, please [contact the Data Protection Officer](#). Deletion will irreversibly block all access to the account's data.

2.2. My patients



On the home page, the "My patients" tab allows you to quickly access the list of all your patients, add new ones or manage their information (including their scan history).

Creating a patient file requires only four pieces of information: first name, surname, date of birth, and gender. The rest is 100% flexible and can be completed later.

Save time : Assistants added from the „My Team“, in IRIS CONNECT, tab can fill in additional patient information later, without interrupting your workflow.

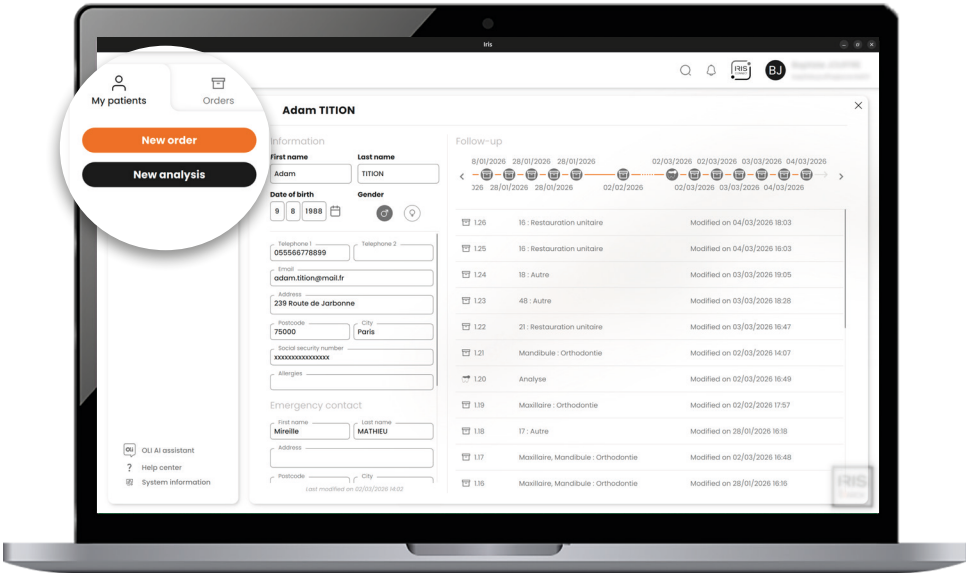
Date of birth*

Gender*
☐ ☐

[Further information >](#)

Add

Comprehensive, centralised monitoring



Create new analyses or orders directly from the patient file.

By selecting a patient, you can view an optimized overview of their treatment history on their timeline 1 and in a chronological list 2. Each action is recorded in the patient file.

3 types of identifiable procedures :

DIRECT SCAN

ORDERS

ANALYSE

Optimised display : Select a patient file to find all the essential information (identity and history of procedures performed).

2.3. My orders

Patient	Recipient	ID	Order	Status	Modified on	Chat
TITON	L'EMPREINTE DU SOURIRE	1.12	16, 15 : Multi-disciplinary catering	Sent	27-01-2025	
Sabine CHE	L'EMPREINTE DU SOURIRE	1.11	17, 16, 15 : Multi-disciplinary cate...	Sent	27-01-2025	
Bastien DONCQUE	L'EMPREINTE DU SOURIRE	1.10	Maxilla : Orthodontics	Sent	27-01-2025	
Félix HIBLÉ	L'EMPREINTE DU SOURIRE	1.9	17 : Unit restoration 26 : Unit restoration 12, 11 : Multi-disciplinary catering	Sent	27-01-2025	
Nadège HIVRANT	L'EMPREINTE DU SOURIRE	1.8	31, 41 : Multi-disciplinary catering	Validated	27-01-2025	
Baptiste JOUFFRE	L'EMPREINTE DU SOURIRE	12.1	13, 23 : Unit restoration	Validated	27-01-2025	
Brice LAGAILLARD	L'EMPREINTE DU SOURIRE	1.3	45, 46, 47, 48 : Unit restoration	Validated	27-01-2025	
Véronique LODÉON	L'EMPREINTE DU SOURIRE	1.4	Mandible : Removable prosthesis	Date modified	27-01-2025	
Kenny NEUH	L'EMPREINTE DU SOURIRE	1.5	32, 31, 41 : Other	Cancelled	27-01-2025	
Johnathan PEL	L'EMPREINTE DU SOURIRE	1.6	31, 41 : Multi-disciplinary catering	Validated	27-01-2025	
Olivier RABENKIRRALDERNE	L'EMPREINTE DU SOURIRE	5.1	16 : Unit restoration	Not sent	27-01-2025	
Thomas TICATION	L'EMPREINTE DU SOURIRE	1.2	Mandible : Orthodontics	Sent	27-01-2025	

Complete history, made easy on a daily basis

On the home page, the "Orders" tab allows you to access all your past, current and future orders. Each order has a clear, dated status so you can track its progress in real time at every stage: sent, date modified, confirmed. Hover your mouse over the title of each column to bring up a search bar and filter the results according to your needs.



Secure external access

Your external contacts, even without an IRIS BY STARCK® licence, can view and discuss orders via a dedicated web interface that is dedicated, free, simple and secure.



Real-time messaging

A simple click on the "chat" icon instantly opens a discussion with the recipient associated with the order.



Complete history

A clear, dated status to track progress in real time and at each stage: sent, modified date, validated.

2.4. Partner Environment

IRIS BY STARCK® allows you to collaborate with different types of partners to facilitate the management of your orders and communications.

2.4.1. How do I connect with my partners?

Via IRIS CONNECT (invite your own contacts)

Contacts refer to the partners you wish to add/invite via the IRIS CONNECT directory.

Can't find your contact?

Send an invitation by email

contact@mail.fr ✓

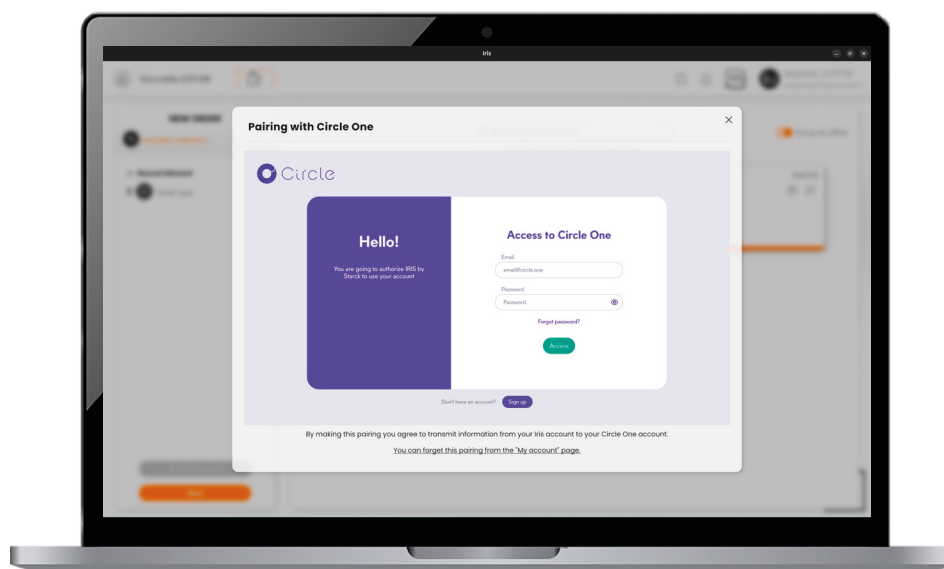
Invite

From IRIS CONNECT, use the "search" field to quickly find a collaborator. If they are not part of the IRIS directory, enter their email address to invite them. They will receive a registration link associated with a unique security code to create their web account at www.irisbystarck.com.

Once created, these contacts can receive your orders and interact with you directly via messages in IRIS CONNECT. They can also access the dedicated web interface, allowing them to view, track, and process requests sent to www.irisbystarck.com.

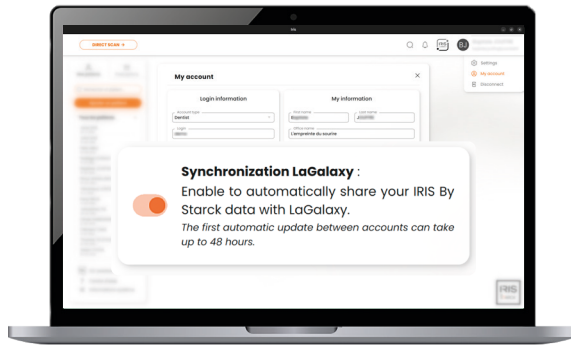
For more information on IRIS CONNECT, see "2.7. IRIS CONNECT", page 28.

Via pairing (connect with our partner software)



If you have an account with one of the partners integrated with IRIS BY STARCK® (e.g., SMILERS, CIRCLE, etc.): you can send your order directly to your account with that partner. When creating an order and selecting a partner, click on that partner's card and follow the prompts to complete the pairing.

Via data synchronization (LaGalaxy by BIOTECH DENTAL)

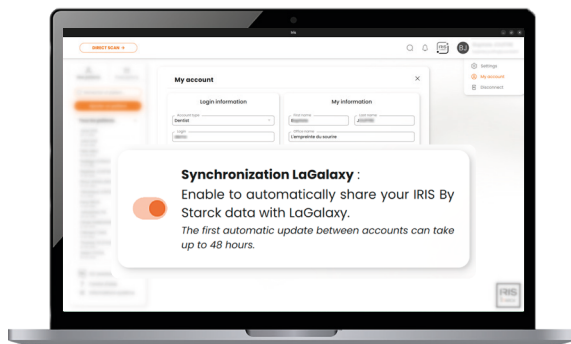


All your order information is automatically synchronized between IRIS BY STARCK® and the partner service—such as LaGalaxy—ensuring continuous data updates. More information at <https://www.biotechgalaxy.com/>



2.4.2. How to delete a partner?

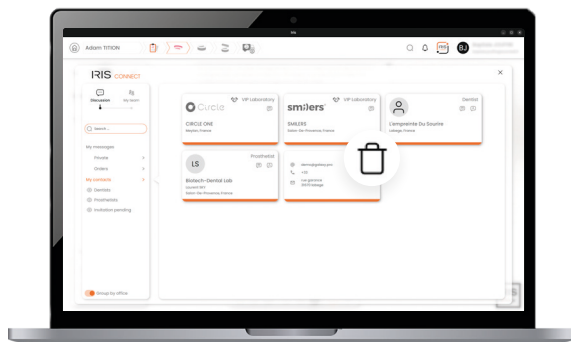
For synchronized software (LaGalaxy)



Synchronization can be disabled at any time from My Account by accessing the associated partner service.

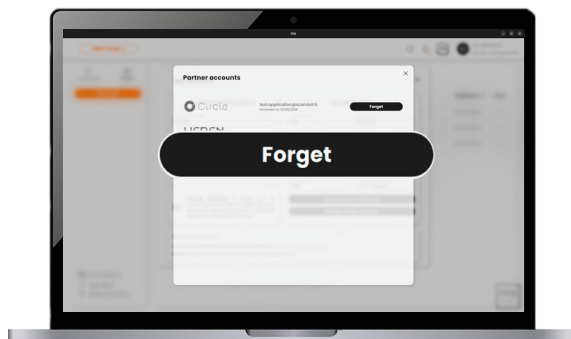
Unlinking stops data synchronization and revokes the permissions you granted to the service.

From the IRIS CONNECT directory



You can delete a contact directly from **IRIS CONNECT > My Contacts** by clicking the “trash can” icon on their contact card.

For paired third-party partner software



Go to **My Account > Manage Partner Accounts** and click “Forget” to revoke the pairing of a partner service.

2.5. Scan



Connect the computer to a power outlet.

Avoid direct light on the area to be scanned.

Use black gloves.

Dry the mouth and teeth.

Start scanning.

2.5.1. Scan in real time

Light indicator

On or off: white, the camera is on.

Tracking status: same as the scan view.

Green : tracking in progress.

Yellow : slow down; the scan is stabilizing.

Red : loss of tracking.

Start the scan.

Pause.

Resume.

Confirm and start the final reconstruction.



To ensure a smooth scanning experience: use the timer icon (in the top right corner of your real-time scan view).

Gray: You can continue.

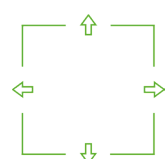
Yellow: Scanning experience is slowed down.

Red: Prioritize starting the final reconstruction. You can resume scanning using the "Resume Scan" tool.

Scan at a steady pace

Maintain a constant speed and focus on stability of movement, **like a paintbrush on a canvas.**

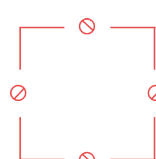
Neither too slow nor too fast. The visual aids below will flash if your camera is too far from the teeth: move closer.



Everything is fine.



Slow down, the scan is stabilising.



Tracking is lost, return to an area that has already been scanned.

Keep your movements smooth

The IRIS BY STARCK® camera glides over the teeth smoothly and without rushing. Placing the tip against the teeth ensures the correct distance for an accurate scan.

 **To begin your scan**, perform a rocking motion on the occlusal axis from the inside to the outside and finish by sliding slightly on the front surface.



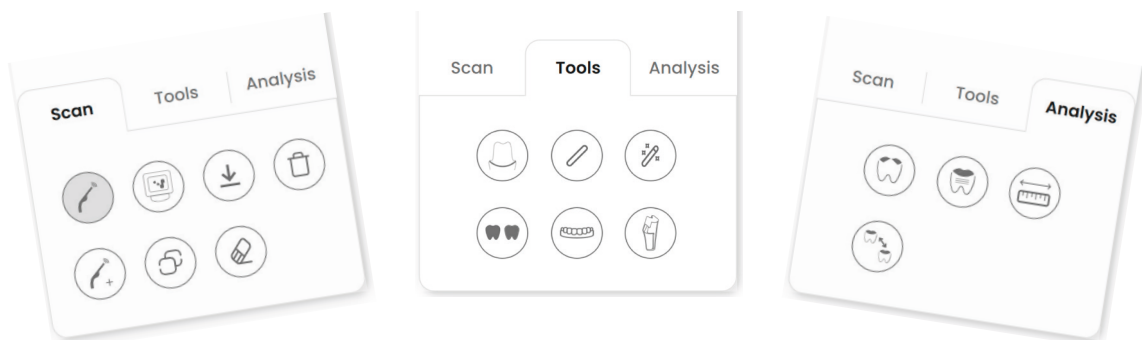
During the scan, use the correct movement. Follow your scan on the live video feed and thanks to the 3D preview, visual aids and real-time 2D video feedback.

 **For the incisors**, perform a rocking motion on the occlusal axis from the inside to the outside and finish by sliding slightly on the front surface.

Adapted to your pace

Pause at any time to inspect, manipulate your 3D preview and check if the scan is satisfactory. Black areas indicate a lack of data, so remember to fill in if necessary.

Use the right tools after scanning



Take advantage of features related to scan management, tools to support you in your clinic, and opportunities for comparative analysis and measurement (more information in "2.6. Act on my 3D footprint", page 23). After scanning, follow your preferred workflow until the orders are finalised.

2.5.2. DIRECT SCAN

Scan, nothing more, nothing less



The DIRECT SCAN function is a **free workflow feature** that allows you to start scanning immediately. Go directly to a simplified free workflow (above).



Scan performed
upstream



Deferred processing by
the practitioner



One-click order later

Flexible : Only scan the arch or arches you need. Save your scan to your patient file and complete the prosthetic form later to finalise the order.

Maximum time savings : Scans can be saved to the patient file. The dental assistant can then perform the scans and the practitioner can finalise the order later.

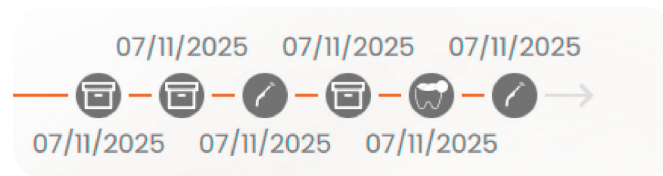
Save your DIRECT SCAN

Select the arches you want to scan and click "Save" to save them to the desired patient file.

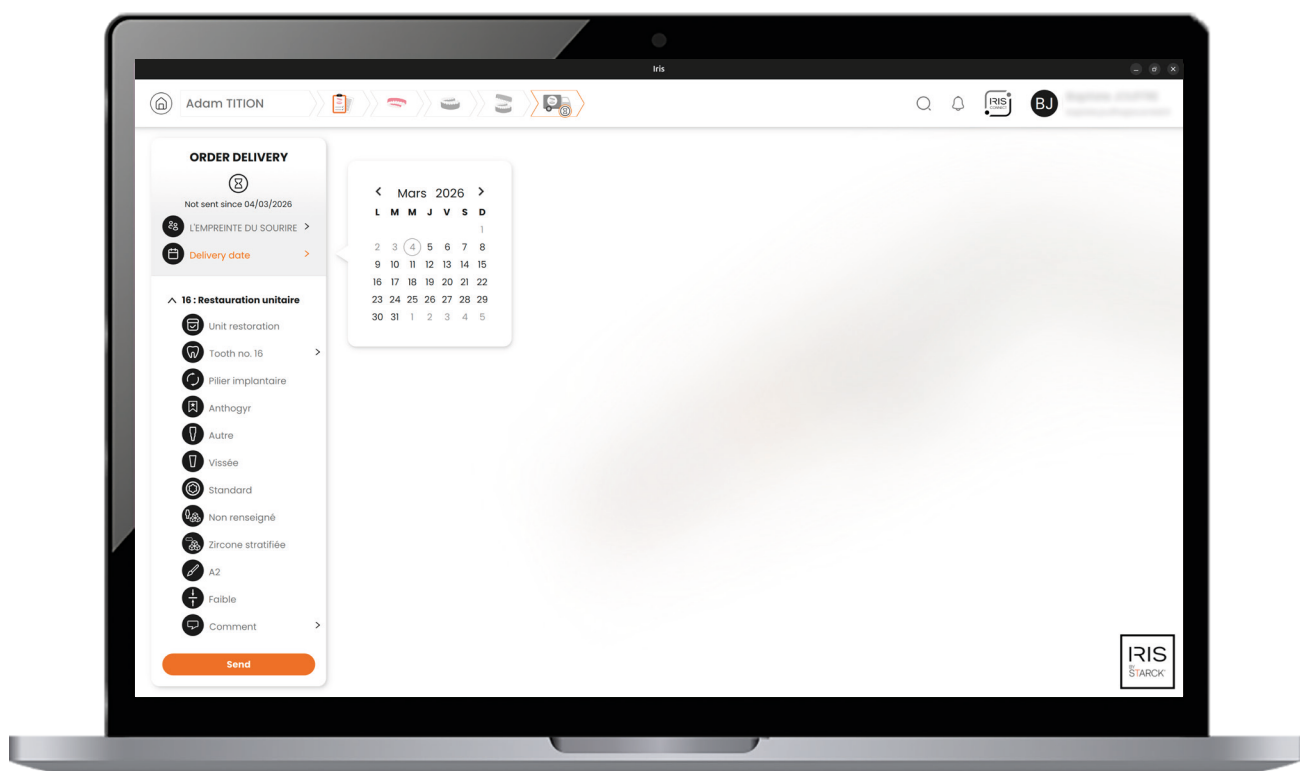
💡 Please note that if you exit without saving, the scan data will not be saved.

Finalise an order

After saving the scan to the patient file, select the patient file and click on the DIRECT SCAN procedure in its history .



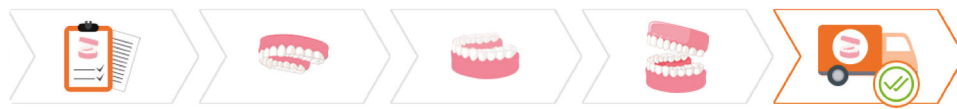
Select the laboratory of your choice, complete the prosthetic form and then confirm. Finally, click on the "Order delivery" step  and select your delivery date.



IRIS CONNECT keeps you informed

Dates, exchanges, tracking: everything is centralised and updated instantly. Chat directly with laboratories from the IRIS CONNECT interface. Smart notifications keep you informed of order progress.

2.5.3. Guided workflow



Edit the prosthetic file > Maxillary scan > Mandibular scan > Occlusion scan > Send order.

The guided workflow automatically assists you according to the treatment selected in the prosthetic file. The workflow corresponds to the different steps required to send an order, from creating the prosthetic file to sending the scans and the order (see timeline above). Each type of procedure automatically triggers the scanning steps required for the order : **all you have to do is follow the process.**



Why used the guided workflow ?



Time saving

Each step is predefined according to your clinical needs.



Basic reliability

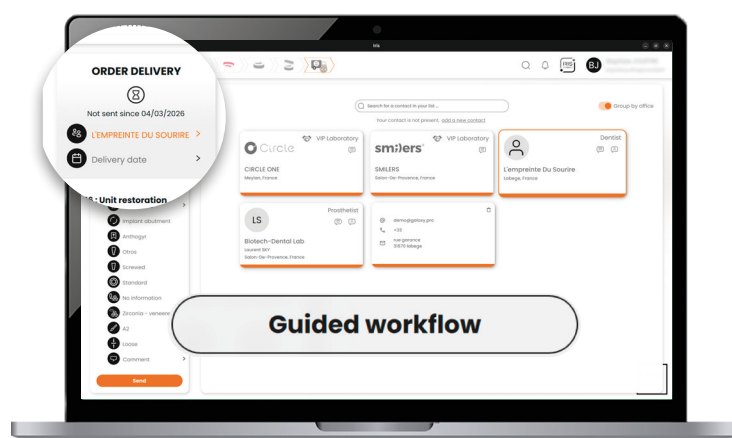
Follow the logical flow of the process, without interruption or oversight.



Customisation options

Add additional scans at any time.

Create an order with the guided workflow



From the patient file or the "Orders" tab, click on "New order". Choose the laboratory of your choice, fill in the prosthetic form, select the guided workflow and perform all the necessary scans automatically suggested.

Finally, simply click on the "Order delivery" step  then choose the laboratory of your choice and your delivery date.

2.5.4. Open workflow



Edit the prosthetic file > Maxillary scan > Mandibular scan > Occlusion scan > Send order.

You are responsible for performing the necessary scans to complete the order after filling out a prosthetic form. In free workflow, each step is independent and unlimited (by clicking on the timeline above). The workflow corresponds to the different steps required to send an order, from creating the prosthetic form to sending the scans and the order. You must be able to know which scans are required for your order.



Why use the open workflow ?

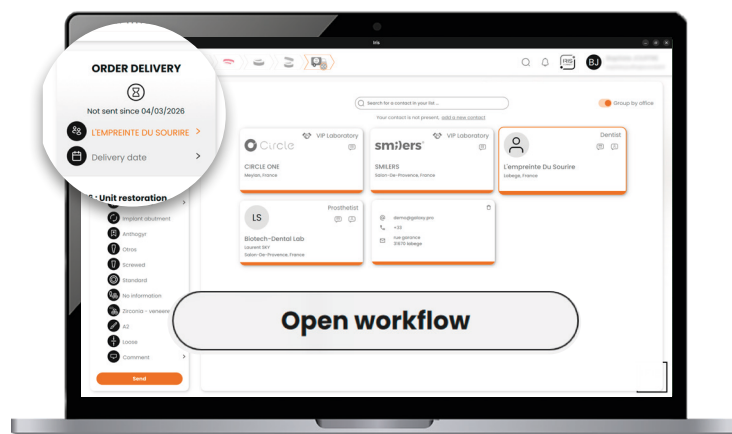
You know which scans you need.

- › You have completed a prosthetic form and would like to select the arches to be scanned yourself.

You already have the necessary impressions.

- › You can place your order directly using the scans saved in the patient's history.
- › You want to scan an additional arch.
- › You only need the occlusion and want to perform the bite registration.

Create an order with the open workflow



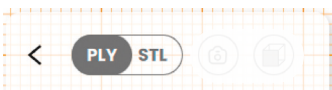
From the patient file or the "Orders" tab, click on "New order". Choose the laboratory of your choice, fill in the prosthetic form, select the free workflow and perform all the necessary scans independently. You must be able to know what types of scans you need to complete your order.

2.6. Act on my 3D footprint

2.6.1. Visualisation functions



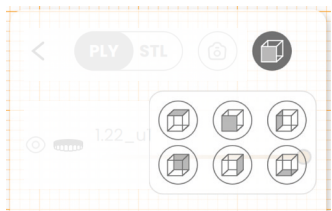
IRIS BY STARCK® offers you a suite of tools to control, adjust, analyse and enhance your scans. Take advantage of the **visualisation functions** 1 and access **features advanced analysis, editing or customisation** 2 through three complementary tabs: Scan, Tools and Analysis.



Change the rendering mode : PLY or STL



Capture an image : Access capture functions with a single click (camera icon) : freeze the current state of your 3D model and/or download the files to the folder of your choice on your computer.



Viewpoint : Adjust your scan more quickly. Choose between different views to facilitate your analysis.



Eye : Enable/disable the display of the corresponding element (scan, grid or measurements) to focus on the essentials.

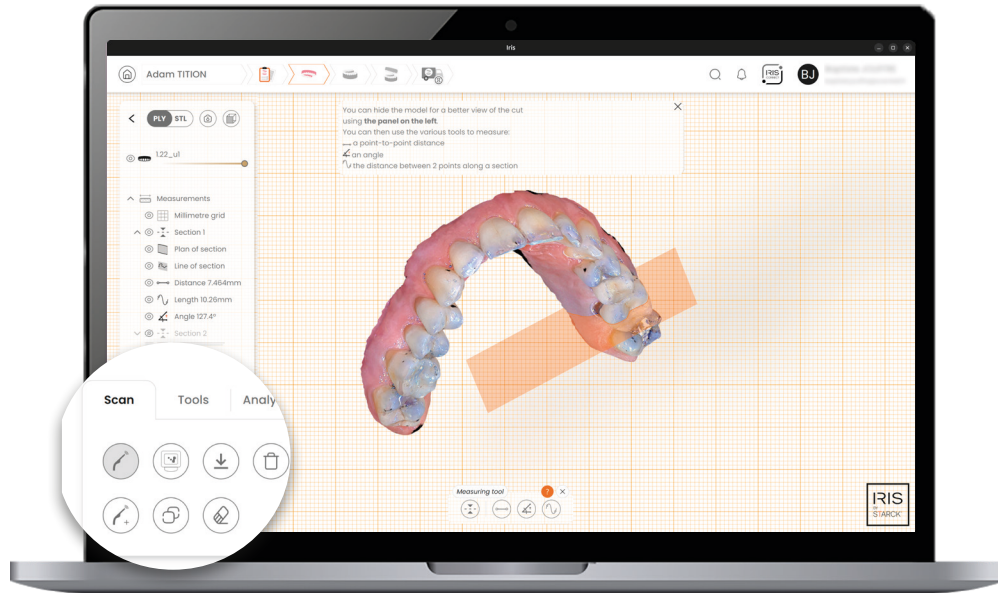


Soft tissue display : Enable/disable automatic segmentation of soft tissue and teeth, allowing the gums to disappear.



Transparency : Freely manage the intensity of the corresponding element. Particularly useful when comparing scans or measurements.

2.6.2. SCAN tab : manage and modify the impression



Easily manage and modify your scans to enrich the patient's history.



Resume scan

Complete the scan or correct an incomplete area.



Add a scan

Enrich your patient's history with an additional scan (maxilla or mandible).



Photogrammetry

Combine an extraoral scan with your intraoral scan to ensure precise and accurate alignment between the actual positions of the dental implants and those planned using the software.



Copy scan

Instantly duplicate the scan.



Erase scan

Correct the area you want by erasing imperfections using erasers of different sizes.

- The 2D eraser erases what is visible on the screen – manipulate the model to adjust.
- The 3D eraser erases the selected area in depth without having to manipulate the model.



Download the scan

Export the STL and PLY files of your scan directly to the folder of your choice on your PC.



Delete the scan

Select the scan you wish to delete from the workflow.

2.6.3. TOOLS tab : standalone enhancements



Customise your models with advanced modelling and annotation features.



Display finishing lines

Enable to display the lines. Otherwise, leave disabled.



Create a manual finishing line

Draw your lines freely with your mouse, point by point.



Create an auto finishing line

Generated automatically, then editable manually.



Change the type of base

By arch: half or full.

By type: simple, straight or without base.

Open or closed with adjustable thickness and height.



Label

IRIS BY STARCK® automatically calculates the segmentation. You can then make manual adjustments by selecting your tooth, GEN (gum), SB (scan body) or PREP (preparation).

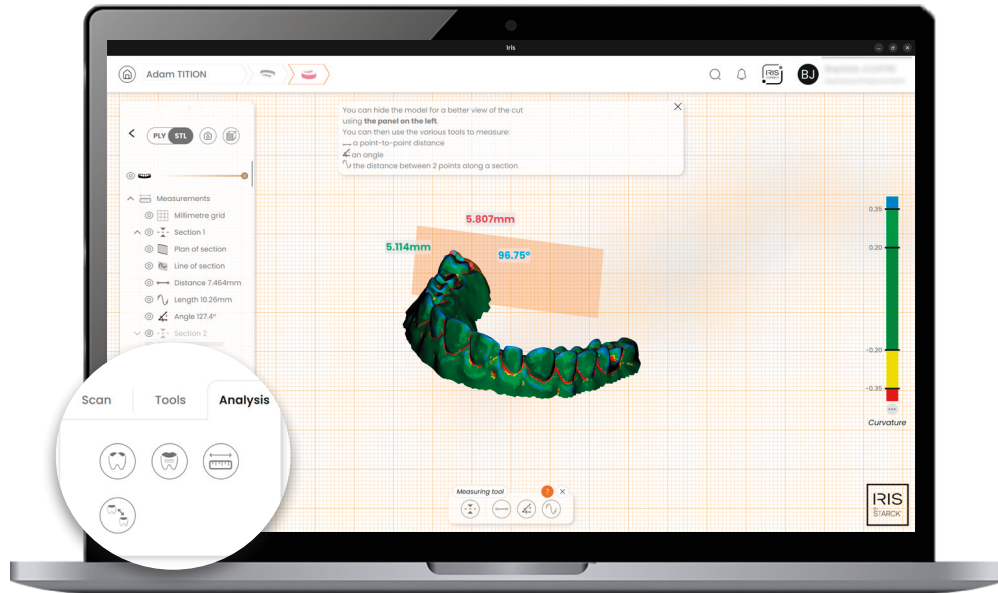


Add a scanbody

Simplifies implant design even if you did not initially plan for it.

Fill in the prosthetic form, check the positioning and follow the necessary scanning procedure.

2.6.4. ANALYSE tab : explore and analyse



Explore your scans in depth with the analysis tools.



Curvature

Visualise curvatures using a customisable measurement scale.



Roughness

Detect surface irregularities according to a customisable measurement scale.



Advanced measurements

Measure a distance point by point, from an angle or from a surface.



Draw a section on a 2D plan to facilitate identification and display the millimetre grid for even greater precision.



Comparison

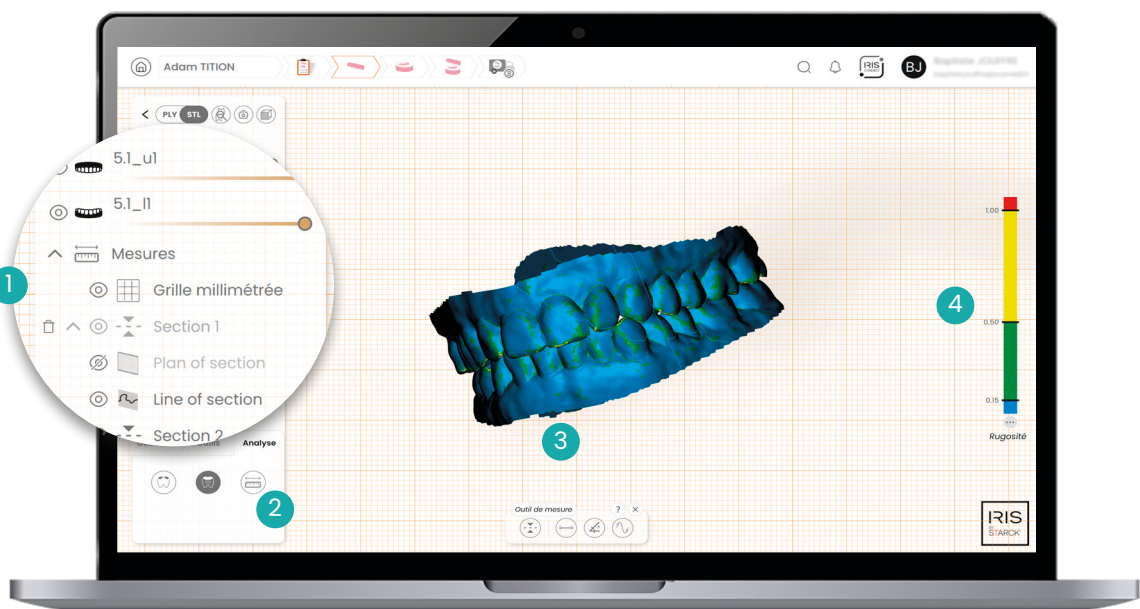
In the patient record history, select two models to compare. Mark corresponding points on each of them.

Automatic superimposition allows you to analyse differences and monitor the progress of treatment.



Each of the analysis features projects the results in the viewing area and allows you to display or hide the values.

2.6.5. Even more expertise in occlusion



Find all the usual viewing (1) and analysis features you are accustomed to, as well as additional features specific to occlusion (2) :

OCCLUSION	TOOLS	ANALYSIS
Add a scan to the occlusion	Optimisation of interscupidé*	Curvature
Add an occlusion	Adjust manually	Roughness
Download the occlusion	Change type base	Advanced measurements
Delete the occlusion	Cancel last move	

3 Optimisation of interscupidé*

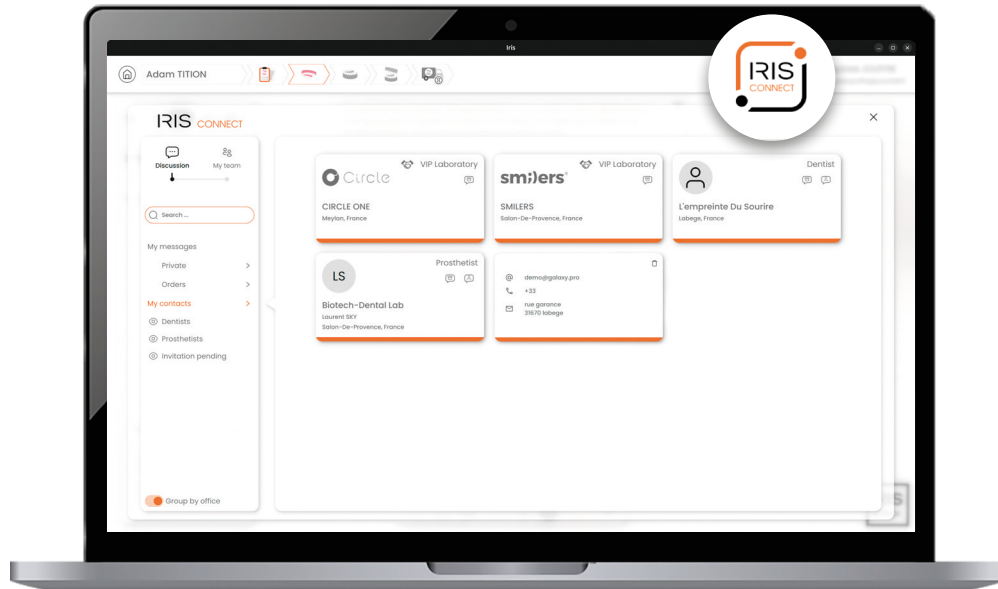
Automatically perfect the interscupidé thanks to alignment based on previously identified contact areas. Adjust manually according to your situation.

4 Customize the value scale

Color codes help you quickly locate critical areas. You can define your own colorimetry.

2.7. IRIS CONNECT

IRIS CONNECT is a unique service that offers a **universal, secure exchange interface** that is accessible free of charge to **external collaborators** and 100% tailored to the practice of dentistry.



A unique service worldwide. Manage your contacts, your team, your messages and your orders, and share and collaborate worldwide.

Maximum security

- › Secure sharing environment.
- › ISO 27001 and HDS certification.

Custom team creation

- › Create your team as an administrator.
- › Manage roles tailored to your organization; access rights to patient files and discussions:
 - for your collaborators.
 - for your assistants.

Instant messaging

- › Automatic message management.
- › Smart notifications.

Dedicated discussions forum:

- for your orders.
- for private discussions.

Easy order management

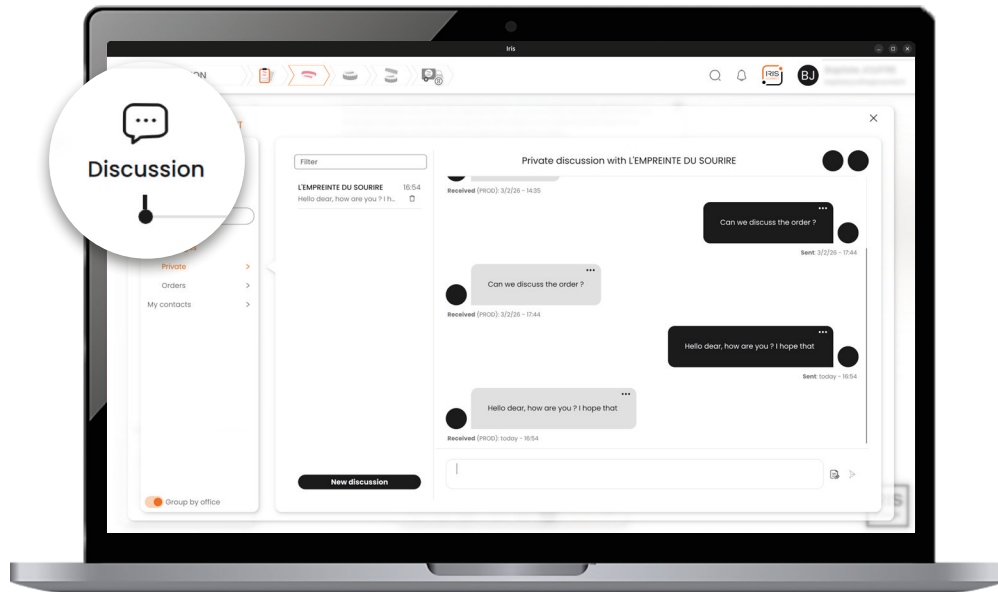
- › Automatic forward of offline orders.
- › Order status.
- › Status update notifications.
- › History of exchanges.

Unlimited collaboration

- › Exclusive IRIS BY STARCK® network directory.
- › Integration of your external contacts.
- › Universal file format (STL).
- › Secure external web interface.

2.7.1. My messaging

All your exchanges are updated in real time. Whether you are in the office, travelling or abroad, your account remains connected to your contacts, your orders and your team.



The "Discussion" tab allows you to exchange ideas, discuss and follow automatic updates on your orders in dedicated discussion threads.

 **My private messages** : Create individualised, secure and private discussions with your colleagues.

 **My messages by order** : Take advantage of dedicated discussion spaces for each order and automatically updated patient file history. Shared multidisciplinary management within the team.

Three possible statuses : Unsent / Sent / Received.

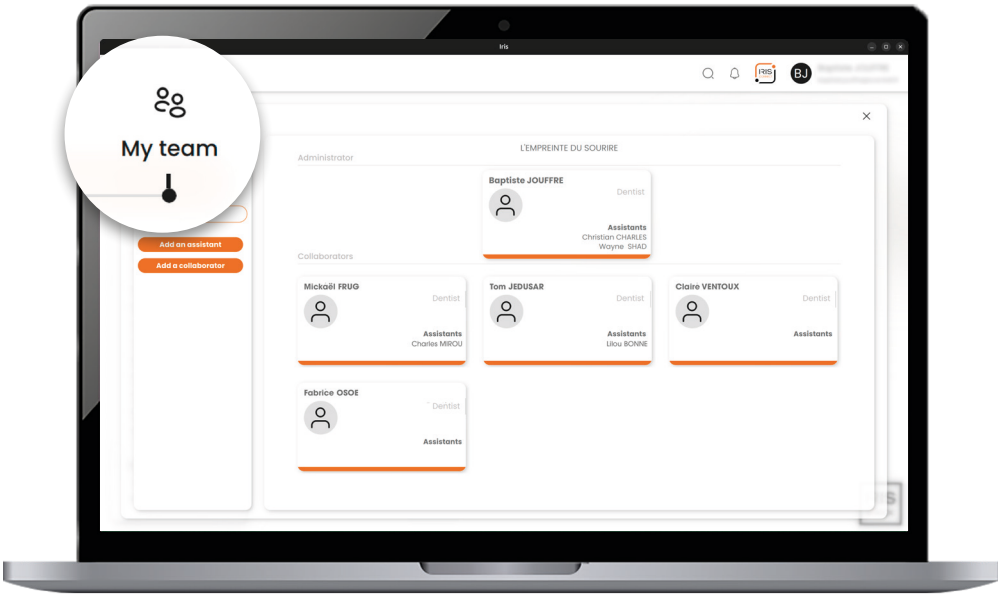
2.7.2. My contacts

Use the search bar to quickly find a professional, an order or a discussion.

Can't find your contact? Enter their email address in the search bar to send an invitation. **They will receive activation codes to join the free IRIS CONNECT web interface, even without a licence.**

 You must be connected to the internet to add.

2.7.3. Team creation



The "My Team" tab allows you to add different members to your organisation. Assistants and collaborators contribute directly to the treatment of your patients.

Assistants

Create one or more "Assistant" accounts to allow them to perform certain tasks on your behalf : scanning, completing patient files, sending orders, or participating in discussions.



Stay in control

Rights	None	Reading	Writing
Patient file	☐	☒	☐
Discussion	☒	☐	☐

Cancel

Confirm

Choose who does what.
Set up customized access rights.

Collaborators

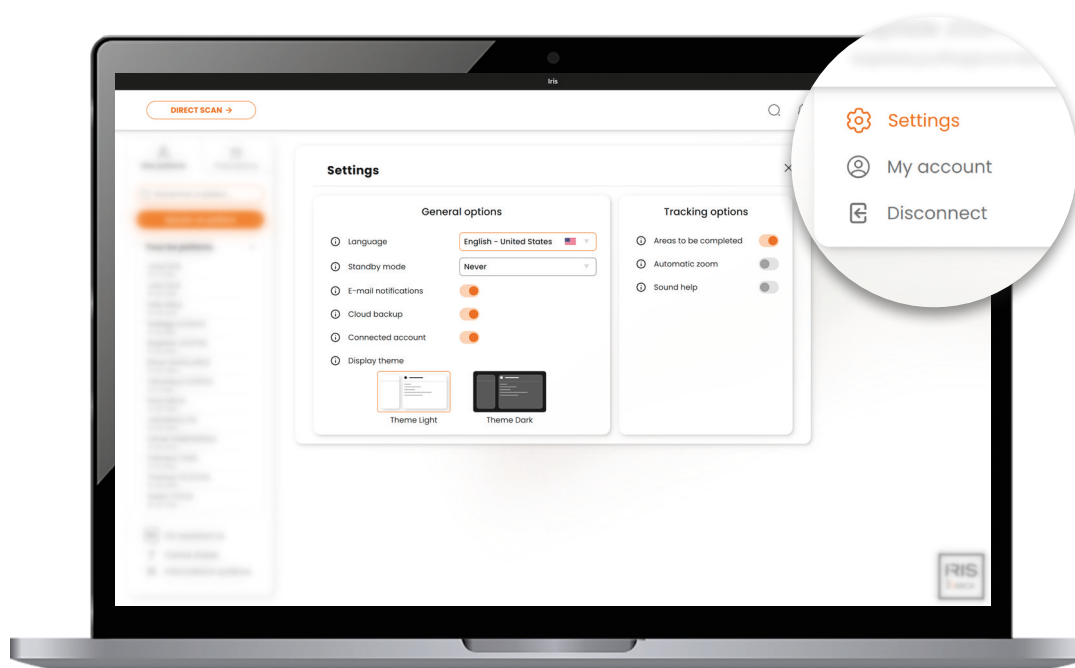
Collaborators have access to the shared patient file and can work on the relevant order. Add any laboratory in the world for treatment that is increasingly tailored to your needs.



Secure external access

Your external collaborators who do not have an IRIS BY STARCK® license can view and discuss orders via a free and secure portal.

2.8. My settings



Make your IRIS BY STARCK® experience a tailor-made tool, with ease.

Choice of language and favourite themes

Select the language in which you wish to use IRIS BY STARCK®.

Adapt your display theme to your environment to ensure maximum visual comfort (light or dark).

Automatic standby

Set an inactivity timeout from the list provided before the application does not automatically log you out and ask you to re-enter your password to access it.



If you select "Never," remember to log out manually if you are away.

Never ▲

10 minutes

15 minutes

30 minutes

45 minutes

1 hour

2 hours

3 hours

4 hours

5 hours

Never

E-Mail notifications



Enable or disable email alerts to track order status changes at your convenience.

Unlimited cloud backup

Activate and back up your patient data for free on the IRIS BY STARCK® cloud backup dedicated to your account (under HDS protection and ISO 27001 security).



You must be connected to the internet to use this feature.



If you disable it, data will only be backed up on your computer.

Multi-account synchronisation

Log in to IRIS BY STARCK® on any PC using your licence number and login details. Enable synchronisation to retrieve all your data from your usual IRIS BY STARCK® system, whether you are at your practice, in the clinic or anywhere else in the world!



Are you logged in on several different PCs ?

If the „Synchronisation” option is enabled, the identification number (ID) of each order and each scan automatically includes the number of the computer on which it was performed (PC1, PC2, etc.).

Optimise your scanning experience

Tracking options



Areas to be completed



Automatic zoom

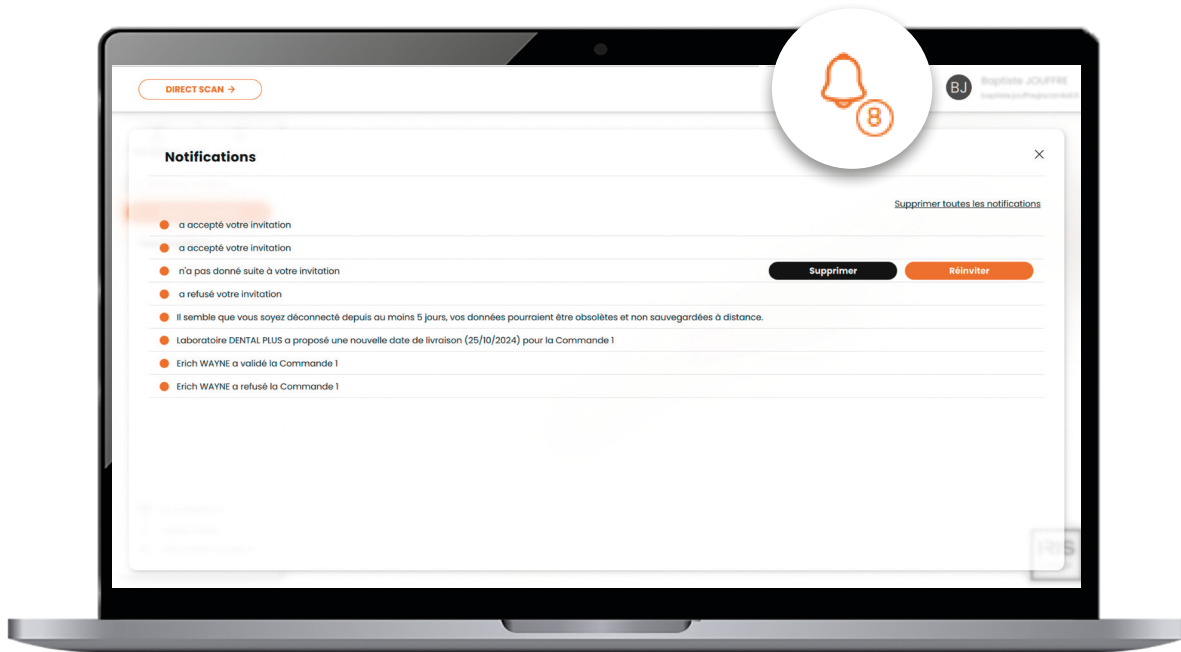


Sound help



Enable or disable tracking options while scanning: show fields to fill in, enable automatic zoom when the movement slows down, and trigger an audio cue when you scan perfectly.

2.9. My notifications



Notifications can be viewed from this icon at the top of the home page .

They keep you informed of actions related to your contacts and orders.

Receive notifications for contact requests :

Respond to a contact request

For each user who wishes to add you as a contact, **accepting the request allows you to share your contact details and facilitates future exchanges**. You will also have full access to their contact details in your personal directory.

Send a contact request

After sending a contact request, you will be notified when the recipient accepts or declines your invitation.

Unlimited invitation requests

To encourage lively exchanges, requests to add contacts expire after 7 days but can be renewed as many times as necessary. You will be notified if recipients have not responded to your invitation within the specified time frame.

Receive notifications for changes in order status :**Order confirmed**

The recipient has confirmed your order request.

Order cancelled

The recipient has declined and cancelled your order.

Order modified

The recipient submits a change to the order delivery date. You are free to accept or propose a new delivery date.

Email notifications

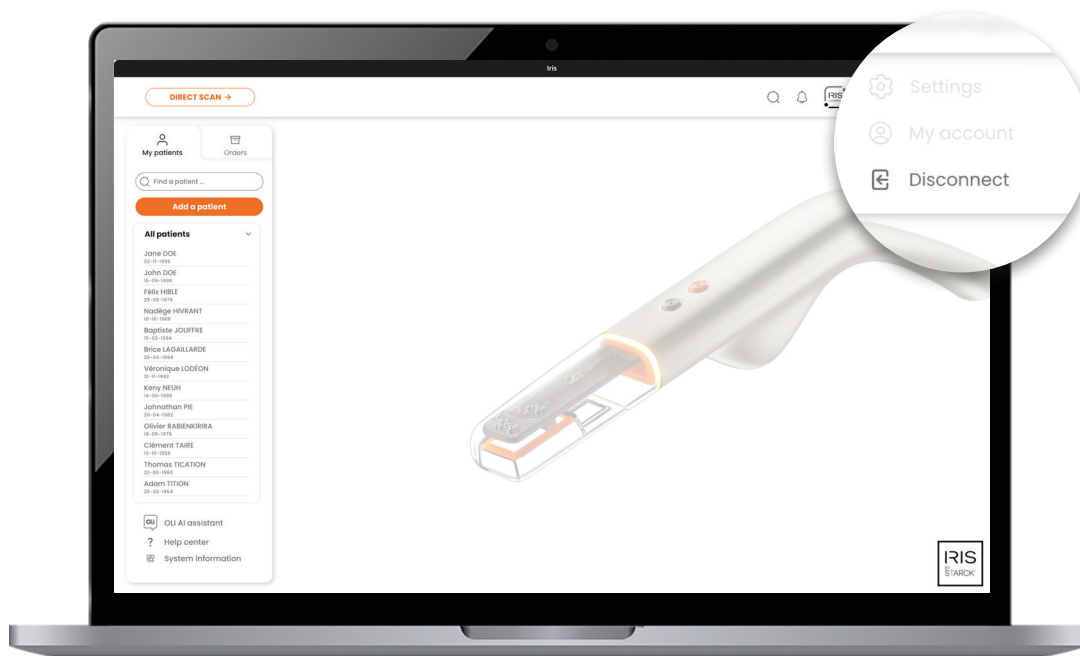
Enable or disable email alerts to track order status changes at your convenience.

2.11. Offline use

If you temporarily lose your internet connection, you can continue to use IRIS BY STARCK® in degraded mode. Some features will not be available. For example, you will be able to scan, prepare orders and/or messages for sending (these will be sent automatically once the connection is restored). Please note that this is a degraded mode: IRIS BY STARCK® can only function normally with a Wi-Fi or wired internet connection. A wired connection is preferable when the Wi-Fi connection is unstable.

In "offline" mode, all data created is only saved on your computer and cannot be restored if a hardware problem occurs.

2.12. Shutting down your device



To shut down your system :

1. On the home page, hover your mouse over your name in the top right-hand corner to bring up a dropdown menu. In the action bar, click on the "Disconnect" button.
2. Then **close the application** by clicking on the cross in the top right-hand corner of the software window.
3. Finally, **turn off the computer**.
4. You can now **disconnect the power plug** from the IRIS BY STARCK® device's computer power supply to disconnect it from the power network.

3. HANDPIECE MAINTENANCE

The following maintenance and/or disinfection instructions must be carried out before using the device or its accessories for the first time.

Avoid using cleaning and disinfection products containing flammable agents. If you do use such products, ensure that they have evaporated completely and that there are no combustible materials on the device or its accessories before use.

Do not clean the handpiece in an ultrasonic tank or autoclave.

Ensure that the handpiece is disconnected before disinfecting. Clean the computer regularly with a soft cloth.

Do not use products containing ammonium, phenol, acetone, chloride or bromide components.

Clean and disinfect the handpiece before each patient.

The handpiece has an IP 67 protection rating, so you can immerse it completely for thorough cleaning, according to the cleaning protocol for the chosen disinfectant. Disinfectants must meet the following standards and regulatory requirements :

- › Class IIb CE marking
- › Bactericidal standard NF EN 13727, NF EN 14561, BMR according to EN 13727
- › Fungicidal/yeastocidal standard: NF EN 13624, NF EN 14562
- › Virucidal standard: NF EN 14476: active on HIV-1, PRV (HBV model virus), Herpesvirus, BVDV (HCV model virus), Vaccinia virus.
- › Mycobactericide standard: NF EN 14348, NF EN 14563

4. CERTIFICATION & COMPLIANT USE

4.1. CE certificate

IRIS BY STARCK® bears the CE mark in accordance with the provisions of European Regulation EU MDR 745/2017 on medical devices (Class 1). It is a medical device that performs intraoral scans and reconstructs 3D files. It must not be used for purposes other than those for which it was intended, as this may cause damage and pose a risk.

4.1.1. Regulatory pictograms

SYMBOL	DEFINITION
	The product complies with technical standards and is authorised for sale throughout the European Union.
	Manufacturer.
	Serial Number.
	Unique Device Identifier.
	Medical device.
	Consult the instructions for use.
	The product must be disposed of at an appropriate recovery and recycling facility.
	Connection type, electrical voltage and direct current.
	Informs the user that it is necessary to consult the instructions for use for any important safety-related information, such as warnings and precautions, which for various reasons cannot be included on the medical device itself.
IP67	Protection against water and dust.
	Indicates a type BF applied part in accordance with IEC 60601-1.

4.2. Intended use

Intended use means compliance with this user manual and the maintenance, cleaning and disinfection instructions. Under these conditions of use, the minimum service life is 4 years.

4.3. Copyright

The information contained in this manual is subject to change without notice.

The software and accompanying documentation are protected by copyright. They must be treated like any other protected system.

Any person who installs or transfers the contents of this software and its peripherals to any medium other than that accompanying your IRIS BY STARCK® without written authorisation, received by registered post from [Scan4all](#), is acting illegally.

4.4. Responsibility

The manufacturer shall not be held liable in the event of :

- › Failure to comply with the manufacturer's recommendations during installation (mains voltage).
- › Interventions or repairs carried out by persons not authorised by [Scan4all](#).
- › Use other than that specified in this manual.
- › Failure to comply with safety instructions.

The manufacturer reserves the right to modify the device and/or the user manual without prior notice.

Contraindications : IRIS BY STARCK® must not be used with accessories other than those supplied by [Scan4all](#).
The user must not repair or modify the device without prior authorisation from [Scan4all](#).

5. SAFETY

5.1. General instructions

5.1.1. Software

Use only the original software.

It is strictly prohibited to use the device with any software or hardware other than that provided by [Scan4all](#).

It is strictly prohibited to install the software on any computer other than that supplied or recommended by [Scan4all](#).

5.1.2. Hardware

It is strictly prohibited to continue using the hardware if it has been damaged.

Any modifications that may endanger the safety of the user or third parties are prohibited. It is also prohibited to open the hardware.

5.1.3. Repair

The repair of equipment supplied by [Scan4all](#) must be carried out exclusively by [Scan4all](#), for example during an after-sales service operation.

Defective components or consumables in the device must be replaced with original spare parts.

[Scan4all](#) cannot be held liable in any way for failure to comply with the above points.

5.1.4. Safety instructions

Before using the medical device, carefully read the entire chapter on safety instructions.

The manufacturer's warranty is only applicable if the instructions regarding the operation and safety of the device have been correctly followed. These safety measures require a good knowledge of dentistry and optical impression taking.

This device must be used in full compliance with the instructions contained in this user manual. The manufacturer accepts no responsibility if these rules are not followed or if the device is used for any other application.

Never connect the handpiece to any other computer or port than the one where you IRIS BY STARCK® software is installed. Using a different power supply could cause irreversible damage to the device and could injure the patient or user.

The light rays (LEDs) produced by this type of device can be dangerous and must never be directed towards the

eyes, even when wearing protective eyewear. The light should only be directed at the area to be scanned in the oral cavity. The light rays comply with standard EN 60601-2-57.

The device operates at room temperature [$+15^{\circ}\text{C}$; $+40^{\circ}\text{C}$] and there are no restrictions if the room temperature varies within this range while the device is in operation.

Never insert or attempt to insert metal objects into the device. This could result in an electric shock.

In order to obtain optimal performance when using IRIS BY STARCK® :

- › Do not run other software applications on the PC.
- › The PC must be connected to a sub-sector.

The manufacturer declines all responsibility if damaged parts or accessories are not replaced exclusively with those supplied by the manufacturer.

In the event of a malfunction, immediately unplug the device and ensure that no one can use it until it has been checked by the manufacturer or its distributor.

Do not use the device near a heat source. The use of cleaning products, solvents or flammable products not recommended for the device may cause damage, particularly to the handpiece window.

If repairs are necessary, only the device manufacturer is authorised to carry them out.

Any variation in mains voltage or electromagnetic field that does not comply with the applicable limits may interfere with the operation of the device. In the event of a problem, switch off the device.

Electromagnetic interference: the device complies with current EMC standards (EN 60 601- 1- 2) in terms of both emissions (electric field radiation and power supply interference) and immunity (to electric field radiation, fast transients in power supply bursts, electrostatic discharges and power supply surge waves).

The equipment should only be used by a dental professional.

5.1.5. Contraindications

Under normal conditions of use of IRIS BY STARCK®, the camera LEDs comply with standard EN 60601-2-57 and do not pose a risk to the eyes as they have low light output and are directed towards the mouth.

The IRIS BY STARCK® medical device must only be used for its intended purpose (mouth).

No eye protection equipment is required under normal conditions of use.

Reminder : Do not stare directly at the light source. In this case of non-compliant use, the light emitted may be harmful to the eyes.

5.2. Precautions and warnings

Avoid using this device next to or stacked with other devices, as this may cause it to malfunction. If this use is necessary, observe this device and other devices to verify normal operation.

There is no minimum distance to be observed between the camera and the computer or Ethernet cable (compliant with EMC standards (EN 60 601-1-2)).

The use of accessories, transducers and cables (multiple sockets, extension cords, etc.) other than those specified or supplied by the manufacturer of this device may cause an increase in electromagnetic emissions (leakage current) or a decrease in the immunity of this device and result in improper operation. It is therefore prohibited.

Portable RF communication devices (including peripherals such as antenna cables and external antennas) should not be used unless they comply with the standards related to the camera application (Class B: residential application). There is no minimum distance that must be maintained between the camera and these portable RF communication devices.

To avoid the risk of electric shock, this device must only be connected to a power supply equipped with a protective earth.

The power plug that allows the medical device to be deactivated must remain accessible at all times.

Modification of this device without the manufacturer's authorisation is prohibited.

Be sure to follow the storage instructions on the product packaging label.

The temperature of the applied area may rise to 60 degrees.

6. DISPOSAL

IRIS BY STARCK® and its electrical accessories must be disposed of in accordance with the WEEE Directive 2012/19/EU.

Do not dispose of with household waste.

7. TROUBLESHOOTING

Please report any serious incidents encountered while using the device to the manufacturer and to the competent authorities in your country and/or that of your patient.

After-sales Service

For any enquiries, please contact your distributor.

THIS DOCUMENT IS THE EXCLUSIVE PROPERTY OF SCAN4ALL SAS. IT MAY NOT BE COPIED, REPRODUCED OR COMMUNICATED, IN WHOLE OR IN PART, WITHOUT WRITTEN PERMISSION.

IRIS BY STARCK® : manufacturer SCAN4ALL SAS. Class I medical device dedicated to digital dentistry. CE.

SCAN4ALL - 137 rue Garance - 31670 Labège, France. A simplified company limited by shares (S.A.S.) with a capital of 191,590 € - SIRET : 50748486300059 - VAT No : FR25507484863 - Corporate and Trade Register of Toulouse. Non contractual visuals. Do not litter in public areas.