

R2GATE™

Have a R2GATE!
Dominate
the digital dentistry!



R2GATE™

R2GATE is an innovative implant diagnostic software that analyze the oral condition and it shows best way for implant treatment.

CBCT (Dicom)

CBCT is the most effective method for implant diagnosis. Through CBCT, you can easily identify the shape of bone and other skeletal structures but it has a original distortion and not accurate enough for complete treatment planning by itself.

Digital EYE (Bone)

After intuitively checking the shape and density of bone via Digital Eye, you can obtain strong initial stability by customizing the drilling sequence. Also, the software provides a guideline for whether immediate loading is possible or not.

STL (Soft tissue & teeth)

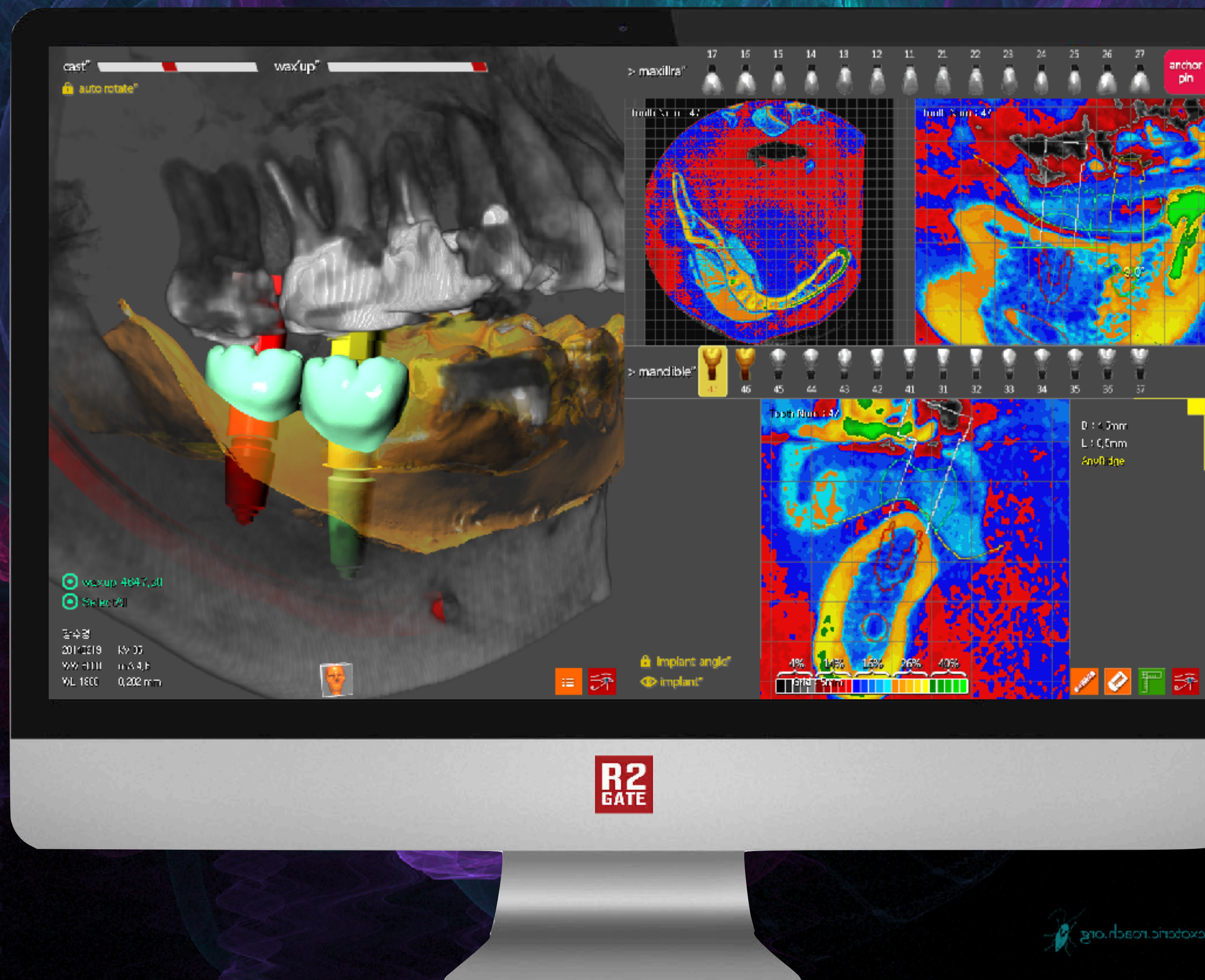
R2GATE merge the STL (3D scanning of model or impression) with CBCT file to overcome the CBCT's limitation as Metal Scattering and distortion. STL intuitively shows the gingiva and neighboring teeth.

Top-Down Treatment planning

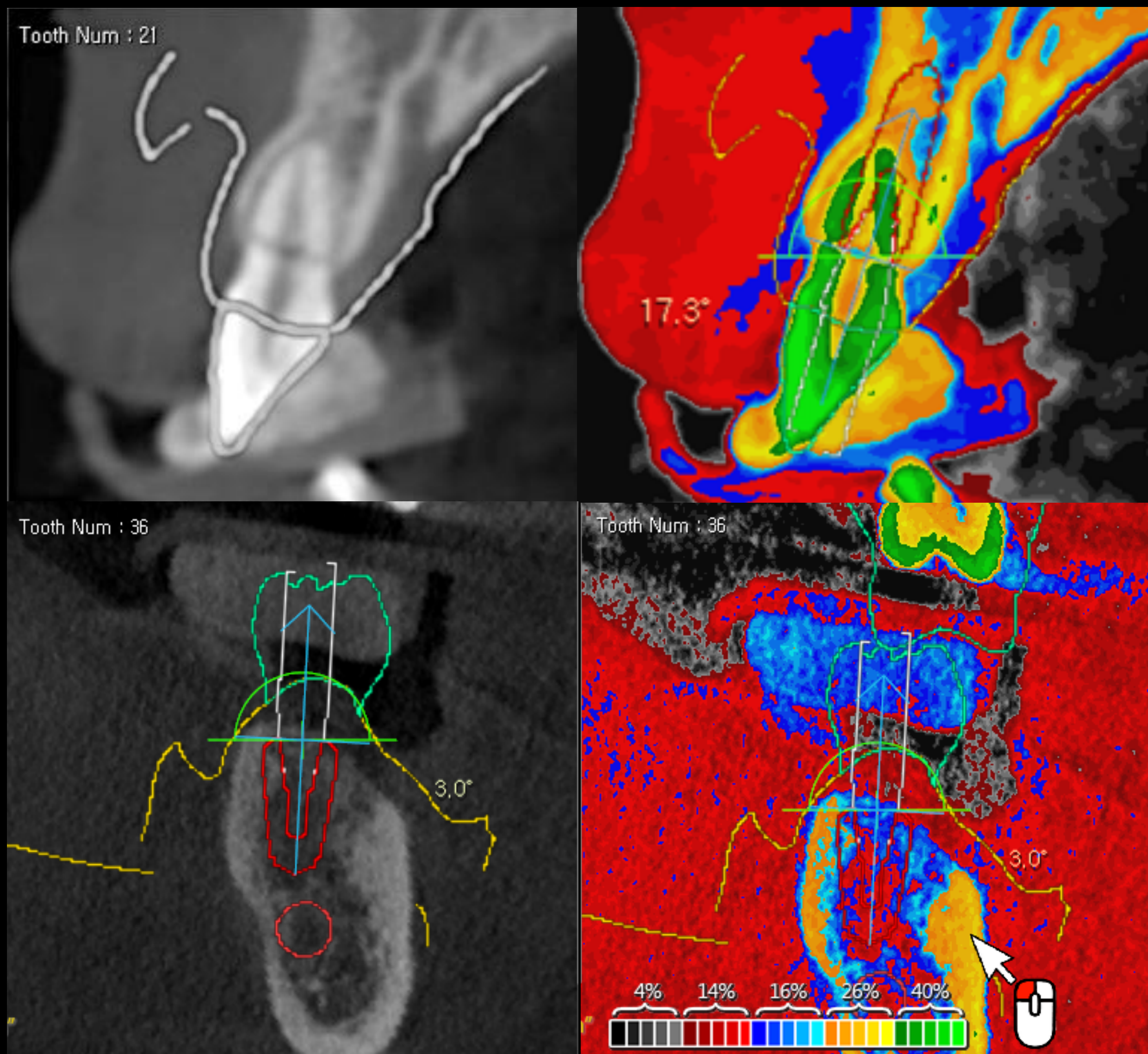
The purpose of implant treatment is to recover the lost and functionless teeth.

With R2GATE, you can select the most ideal position of implant through checking the crown design, and occlusion with neighboring and antagonist teeth.

**The most innovative and intuitive diagnosis software
for Dental implant planning in the world.**



Digital EYE™ Do your CBCT shows you right information?

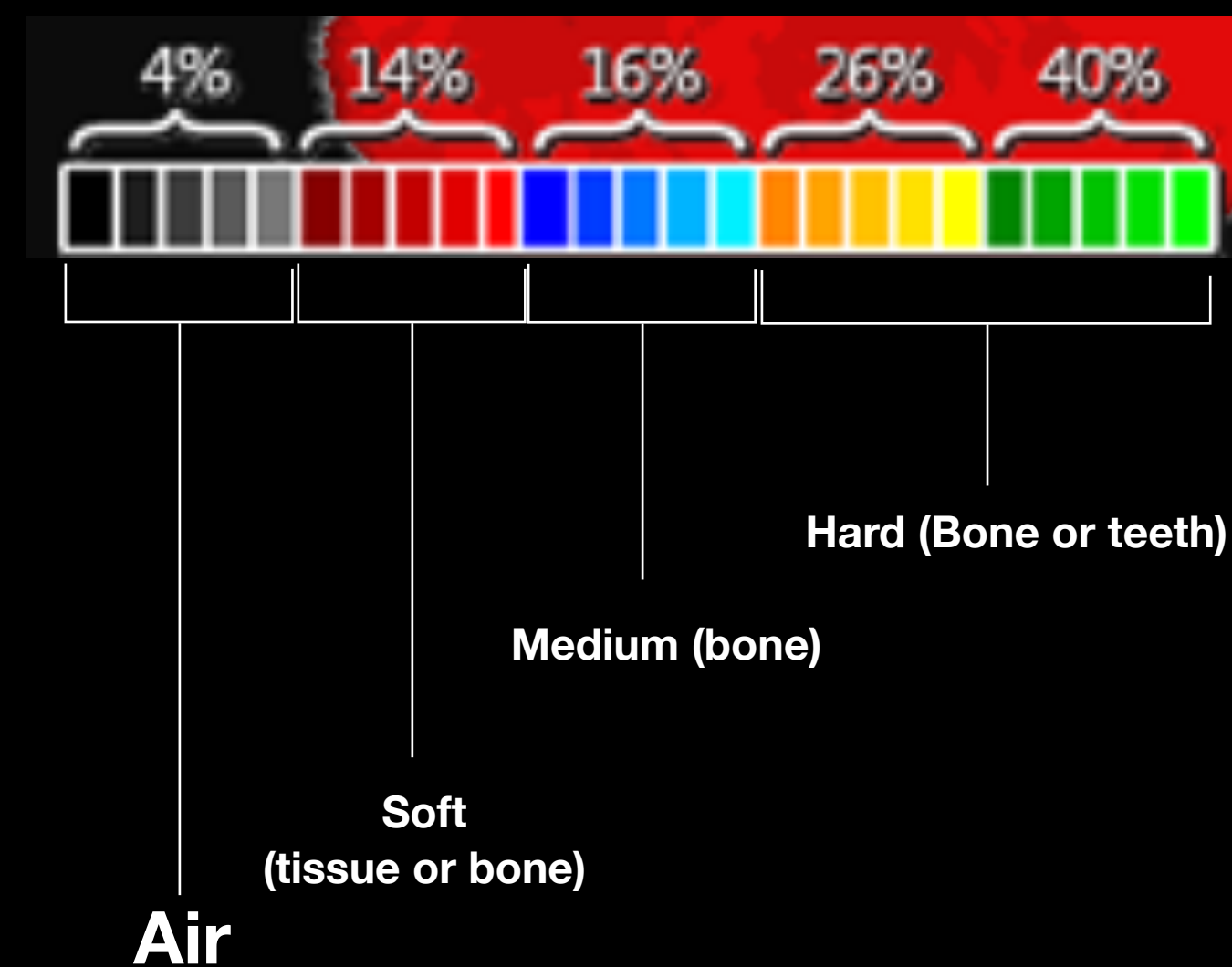


Black and White? it's 5% only

Regular black and white CBCT analyzes the data in 256-level of shades, we can only detect 16 levels with naked eyes. R2GATE Digital EYE regenerates 256 shades into color to deliver much detailed, intuitive bone condition.

Also, it standardizes the brightness level that each CT equipment has and provides objective HOUNS FIELD UNIT. This is significantly differ from the color that other CT data provides.

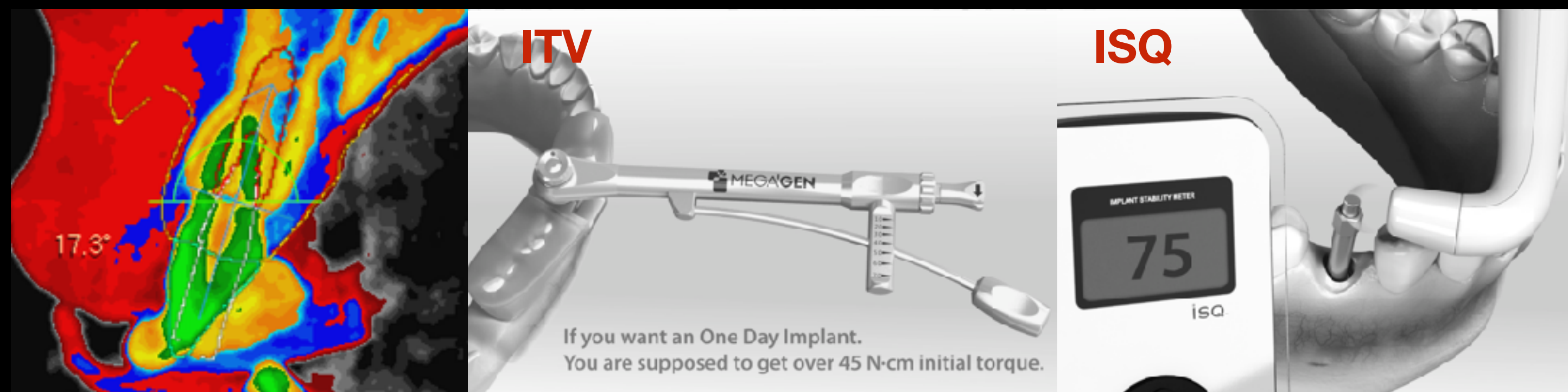
Based on this information, you can decide implant position and size and its drilling sequence for the initial stability of implant.



ONE-DAY IMPLANT™

Get your implant and prosthetics done in one day!

According to the bone density and R2GATE treatment planning, patients can get customized abutment, that is already made before the surgery, right after the implant surgery. Prosthetics can be manufactured as single, bridge, or screw-retained type as your preferences.



Digital Eye™
provides the predictable sign
for Immediate loading.

Place a Fixture as it is planned

Completely connect Handpiece Carrier into a fixture,
and drill it down as it is planned using R2GATE Guide

a. Depth of a fixture

Align the upper line of Handpiece Carrier with Guide Window as [Image 1]

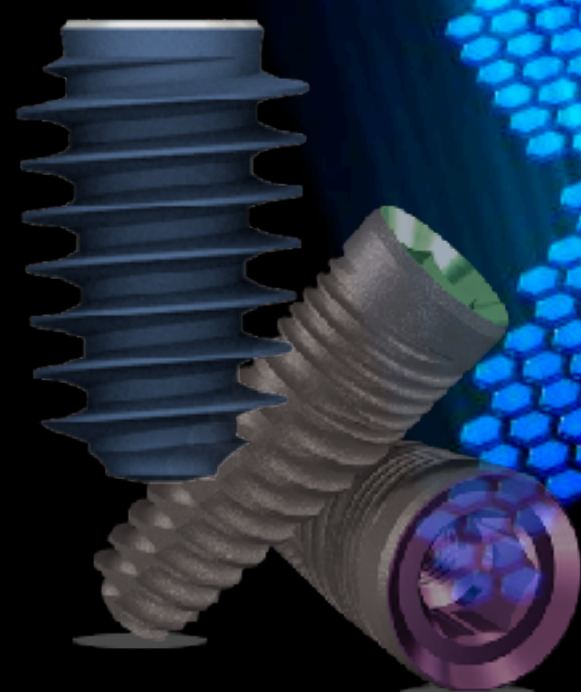
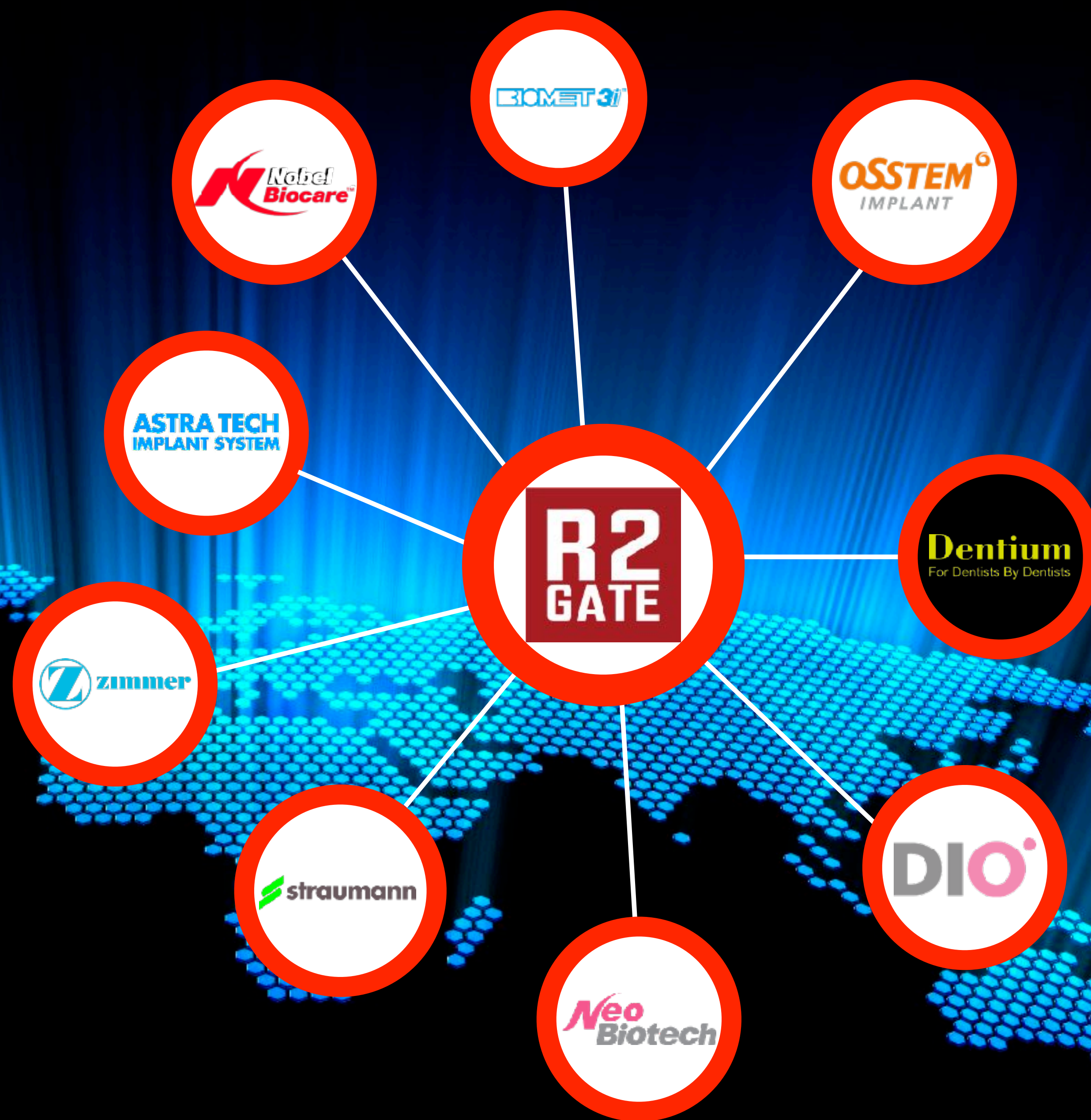
b. Matching internal hex of a xture

Fill the window with the green part of a Carrier body as [Image 2]

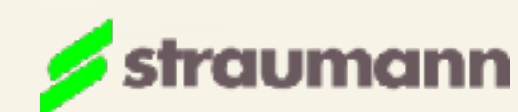


R2GATE™ integrated with Major implant systems.

Global Major 5 Implant
companies and more
End of July 2017.



Surgical Kits are available!



Full Kit and Universal Kit are available.

The full kit consists of full set of drills and system-specific implant carriers.

The Universal kit consists of drills from initial to 2.8 drills for any kind of implant systems. and you can add a implant carrier and disposable final drills as option.





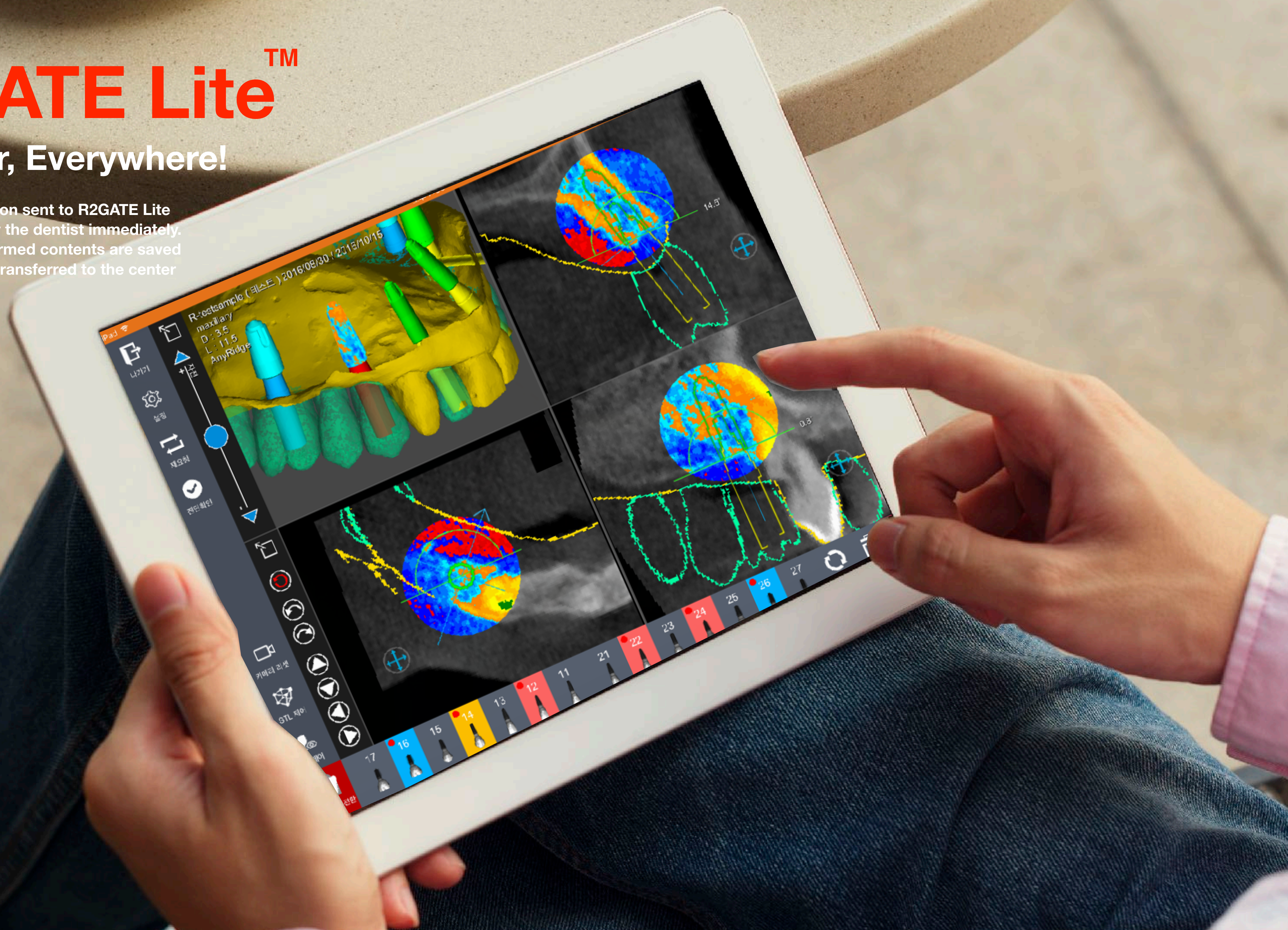
Turning imagination
into reality



R2GATE LiteTM

Whenever, Everywhere!

Diagnostic information sent to R2GATE Lite can be confirmed by the dentist immediately. Corrected and confirmed contents are saved as project files and transferred to the center in real time.



R2GATE™ has already been verified world wide.

Japan, China, Taiwan, USA, UAE, Romania, Italy, Netherland
Australia, Germany, UK, Russia, Ukraina, Turkey
Using R2GATE in more than 15 countries.



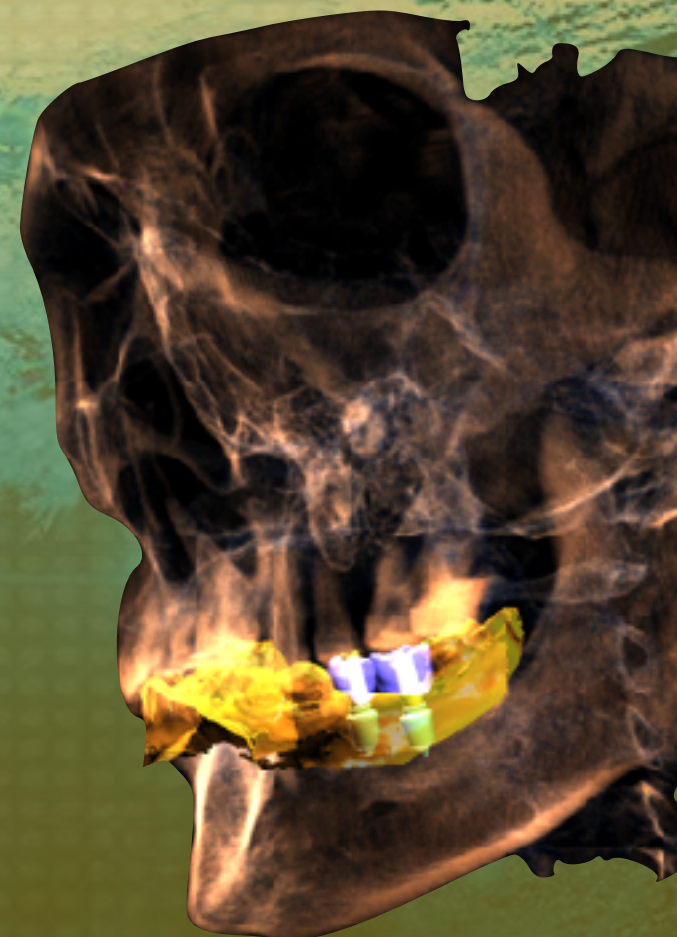
Join the ***R2 Digital Center*** become a leader in digital dentistry.

R2 Planning service

I

Optimal Implant positioning & Bone analysis

R2GATE allows you do
Prosthetic driven Tx. Planning
for optimal Implant positioning.
It provide an eidetic view of all
element that you need for
implant practice as CBCT, STL,
Prosthetic design before
surgery



R2 Guide service

II

Realize the Tx.planning perfectly.

Surgical guide will be made by
the state of art 3D printing
technology in accordance with
the result of Tx.planning. R2
Guide complete your daily
implant practice without
uncertainty.

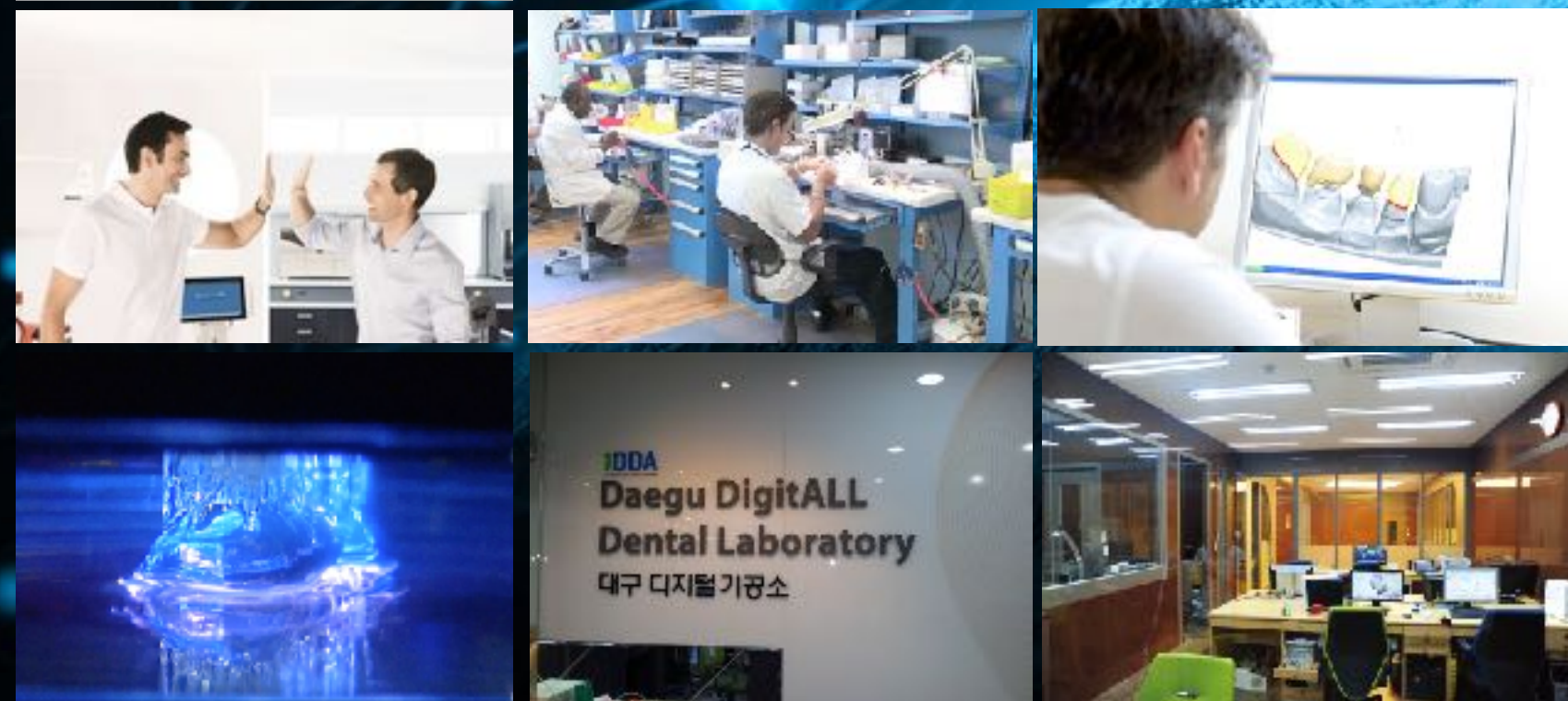


ONE-DAY IMPLANT

III

ONE-DAY Implant service.

Under the certainn condition,
various prosthesis can be
delivered at same day. Recover
function & esthetics
immediately!



How to down-load the R2GATE software










Before start, check your pc!

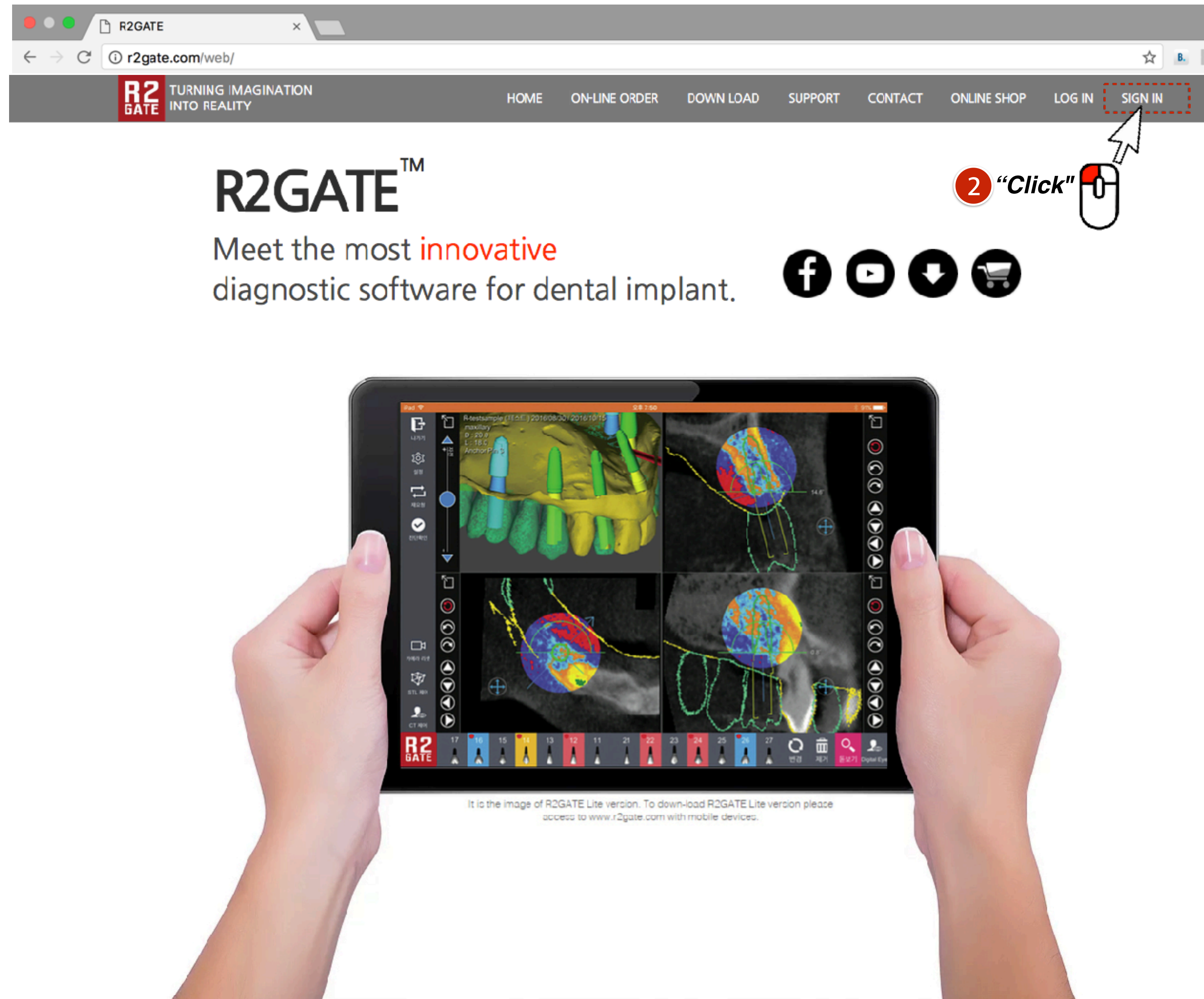
R2GATE PC or Laptop

For smooth operating,
Hight-End PC (window only) it is advantageous.



 OS Operating System	Microsoft Windows 10 Pro OS: Microsoft Windows 7 64bit 이상 (Latest updated)
 CPU Central Processing Unit	Intel® Core(™) i7-6700 CPU @ 4.00GHz or above
 GPU Graphic Processing Unit	GeForce GTX 960 above Graphic memory 2G above
 Resolution Display Resolution	1920 x 1080 Hight resolution Monitor (1680 x 1050 minimum)
 Memory Installed Memory	8 GB above
 Disk Installed Drive	500 GB above
 Network enabled networking	LAN or Wifi

1. visit "www.r2gate.com"
2. Log in with your ID and Password
if you don't have it, please sign in
and create the ID.



1. Choose membership type.

- Dentist

2. Choose language.

- English

3. Click “NEXT”

If you are a member of R2 Digital Center or Distributor, follow below instruction.

1. Click the check box
“R2 Business Partner”

2. Choose membership type

- R2 Center
- Dealer

3. Click “NEXT”

The screenshot shows the R2GATE MEMBER SHIP registration process. At the top, there is a navigation bar with the R2GATE logo and the tagline "TURNING IMAGINATION INTO REALITY". The navigation bar includes links for HOME, ON-LINE ORDER, DOWN LOAD, SUPPORT, CONTACT, ONLINE SHOP, LOG IN, and SIGN IN. Below the navigation bar, the main heading "R2GATE MEMBER SHIP" is displayed. A progress bar shows four steps: Step 01 Member Type (highlighted in red), Step 02 Clause & Agreement, Step 03 Registration, and Step 04 Completion. Below the progress bar, there are two main sections: "Member Type" and "Choose Language". The "Member Type" section has a dropdown menu with "Please select a type" and a checkbox labeled "R2 Business Partner". The "Choose Language" section has a dropdown menu with "English". Three numbered instructions with mouse icons point to specific elements: 1. "Click" points to the "R2 Business Partner" checkbox. 2. "Click" points to the "English" dropdown menu. 3. "Click" points to a red "NEXT" button with a double arrow icon.

1. Agree the Terms and conditions

2. Agree the Privacy policy

3. Click “NEXT”

Join the Membership

Step 01 Member Type > **Step 02 Clause & Agreement** > Step 03 Registration > Step 04 Completion

Terms and Conditions

LEGAL NOTICE
The information provided on this Web site is for general informational and educational purposes only. Please read and review these Terms of Use carefully before accessing or using this Web site. By accessing or using this Web site, you acknowledge that you have read, understood and agree to this Terms of Use Agreement. If you do not agree to the Terms of Use, you may not access or use the site.

TERMS OF USE
All content of, and software used on, this Web site is owned or controlled by MegaGen Implant and its affiliates ("MegaGEN Implant") or their suppliers and is protected by copyright and intellectual property laws internationally.

☐ I agree. ☐ I do not agree.

Privacy Notice

PRIVACY NOTICE
1. Our Data Protection Principles
The protection and security of your personal data is of paramount importance to MegaGEN Implant and its service providers ("MegaGEN Implant or its affiliates"). The use of your personal data at MegaGEN Implant is in strict compliance with data protection regulations in order to make you feel secure with us in matters of data protection. It is important to us that you are always aware of which personal data is collected during your visit on our website and during the use of our services and offers as well as how we use said data afterwards. The following notices are intended to provide you with information about this and also to inform you of how we protect your personal data from

☐ I agree. ☐ I do not agree.

1 "Click"

2 "Click"

3 "Click"

PREVIOUS NEXT

- 1.Create the ID (e-mail) and password.
- 2. Fill up the your information.
- 3. Click “NEXT”

R2GATE

r2gate.com/web/

R2 GATE

TURNING IMAGINATION INTO REALITY

HOMEON-LINE ORDERDOWN LOADSUPPORTCONTACTONLINE SHOPLOG INSIGN IN

Registration

Step 01
Member Type

Step 02
Clause & Agreement

Step 03
Registration

Step 04
Completion

파일 선택선택된 파일 없음

LANGUAGEEnglish

MEMBERSHIPDentist (R2 Implant cen

USER ID (e-mail Address)
E-mail address required

PASSWORD
Enter at least 4 characters long.

CONFIRM THE PASSWORD

SECONDARY E-MAIL

OFFICE [CLINIC]

ZIP CODE

ADDRESS

NATIONALITY
Alaska(U.S.A)

OFFICE PHONE
+1

CELL PHONE
+1

USER NAME
Full name

DATE OF BIRTH
1960MonthDay

GENDER
Male

Oops! Something went wrong.

This page didn't load Google Maps correctly. See the JavaScript console for technical details.

3 "Click"

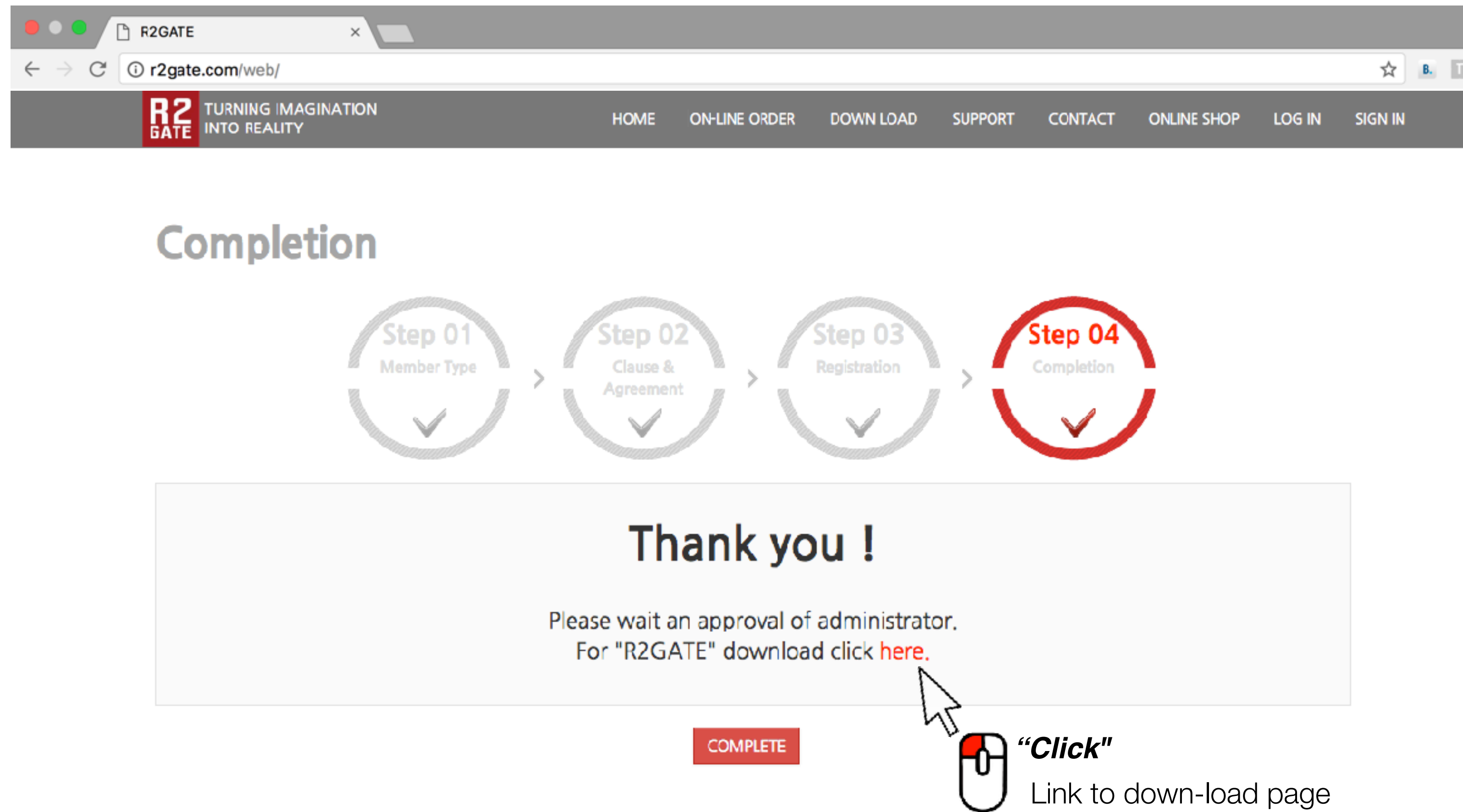
PREVIOUSNEXT

1.It's completed.

2. You have to wait the approval of
our web manager. It takes about a day.

*"If you needed hurry, please send email
to web manager.
cs@r2svc.com*

3. but, you can down-load the R2GATE
software, if you want to proceed,
click the Link "here" in red letters.





Turning imagination
into reality



1.If you are a “DENTIST” member

- Click the left “Down-load” icon.

*Normally, there is only one Icon shows,
if you sign in as Dentist member or before sign in.*

2. If you are a “R2 Digital Center” member

- Click the right “Down-load” icon.

3. There are two guide book on the
right column on the website.

- R2GATE service guide.

*Work procedure, Chair-side preparation,
Surgical sequence.*

- R2GATE Quick Reference

Software manual

The screenshot shows the R2GATE website interface. At the top, there's a navigation bar with the R2 GATE logo and the tagline "TURNING IMAGINATION INTO REALITY". The navigation menu includes HOME, ON-LINE ORDER, DOWN LOAD (highlighted with a red dashed box), SUPPORT, CONTACT, ONLINE SHOP, LOG IN, and SIGN IN.

The main content area is divided into two columns. The left column is for "Dentist member" and features a "Download" button. The right column is for "R2 Center member" and features a "Download for 'R2Center'" button. Both columns have a "PC ONLY!!" icon.

Below the download buttons, there's a section titled "Hardware requirement" with a list of system specifications:

- Processor :** Processor performance depends not only clock frequency of the processor, but also on the number of processor cores and the size of processor cache. The following are the processor requirements for this product:
* Recommended : Intel Core i7
- GPU (most important) :** the following are the estimated GPU requirements for this product:
* Recommended : nVidia GeForce GTX960 D5 2G higher / Radeon HD7870 D5 2GB higher
- RAM :** the following are the estimated RAM requirements for this product:
* Recommended : 8GB
- Disk space requirements :** The following are the estimated minimum disk space requirements for the operation partition.
* Requirement : 2TB
- Operating System :** The following are the estimated minimum operating system requirements for this product.
* Recommended : Microsoft Windows 7 – 64bit or Above (Updated with the latest Service Packs)
- Other Requirement :** You also need to have the following:
 - USB Drive
 - higher-resolution (1680x1050 higher) monitor
 - Keyboard (wheeling enable) and Mouse
 - Internet access

On the right side of the website, there are two sections for guide books:

- R2GATE MANUAL BOOK**: Download our latest manual book for the R2GATE software and R2 service procedure.
- R2GATE Service Guide**: Ver. Jun 2015. This guide book includes all the service guidance for R2 procedure and work process.
- R2GATE QUICK REFERENCE**: Ver. Jun 2015. This is guide book includes all information to use R2GATE software.

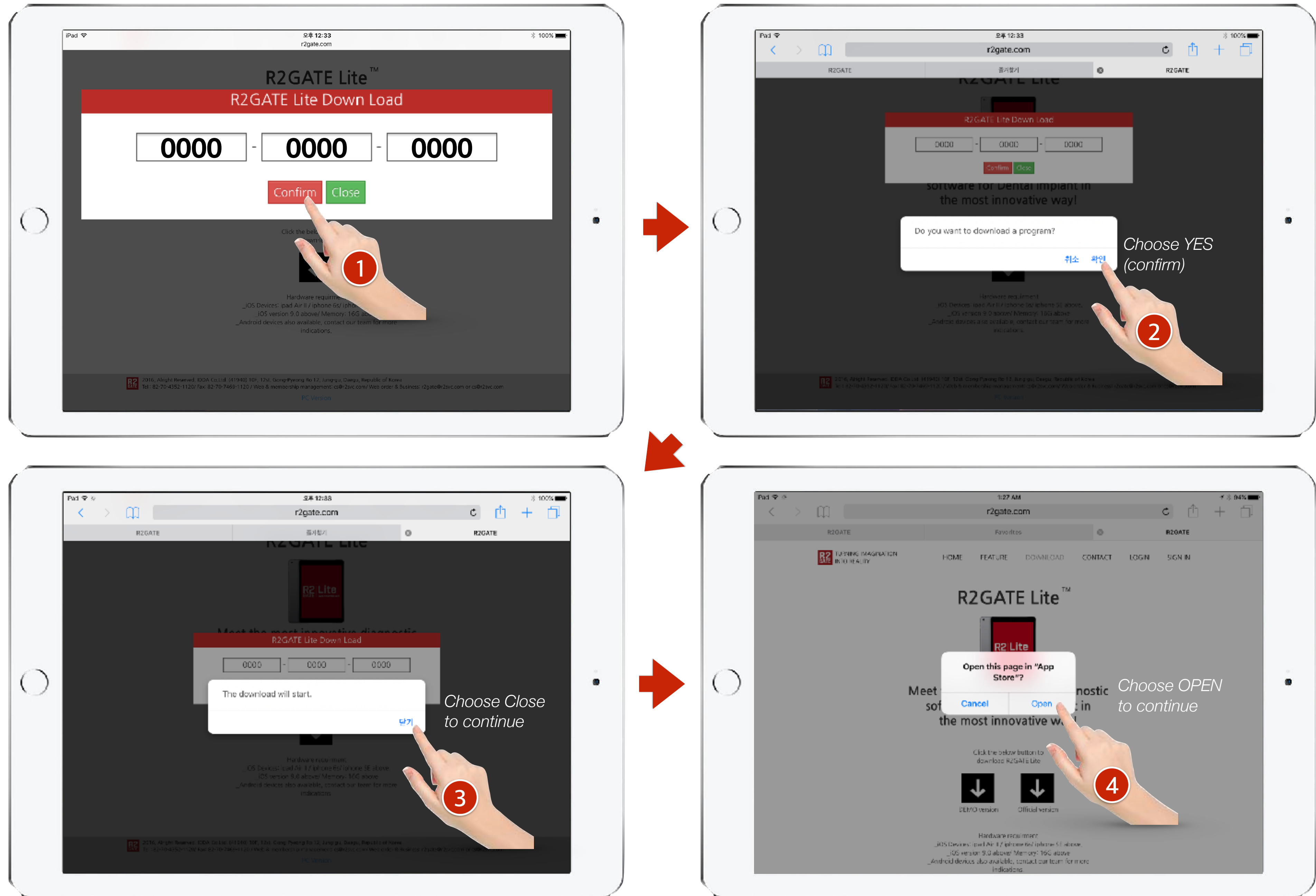
How to down-load the R2GATE Lite

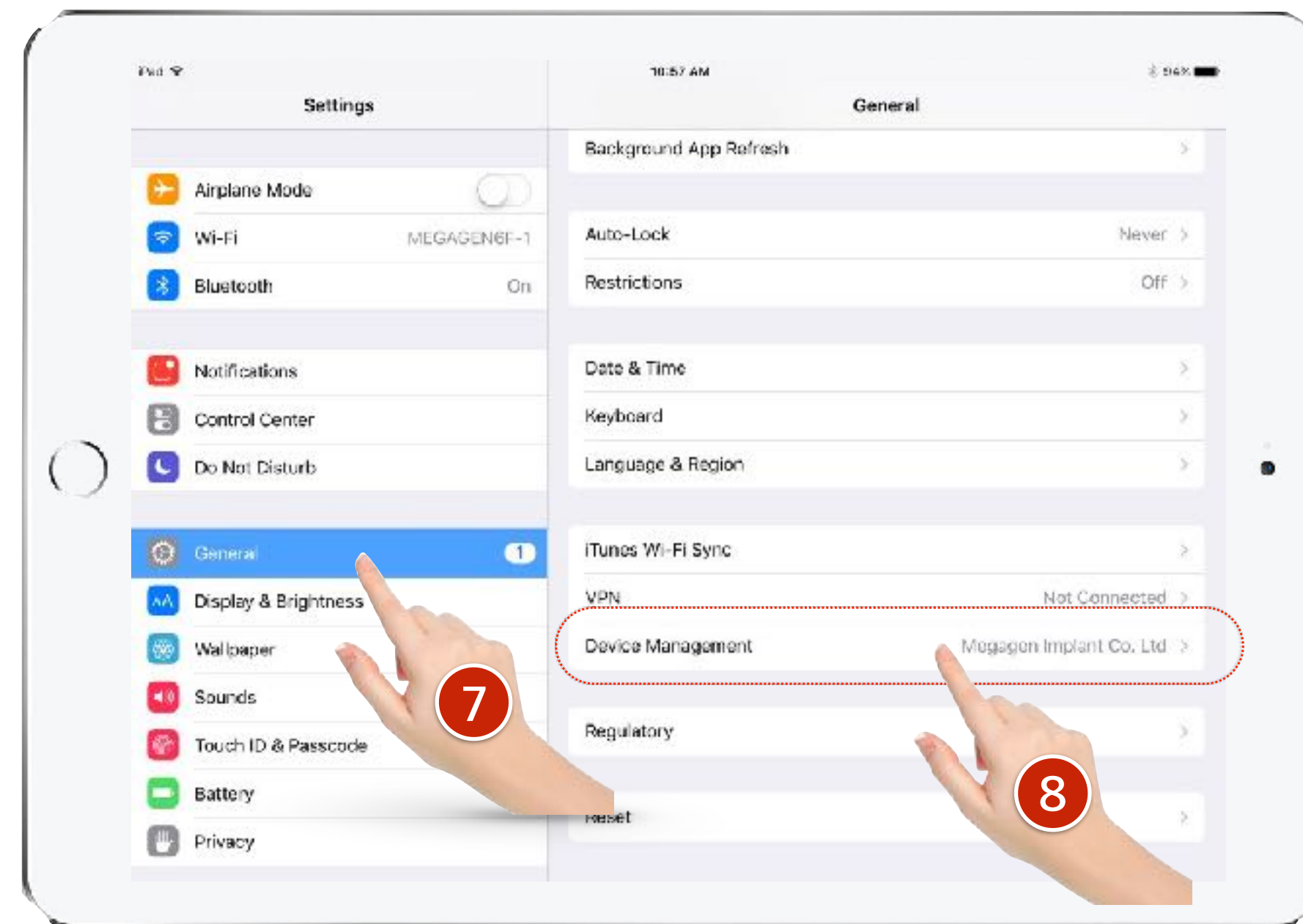
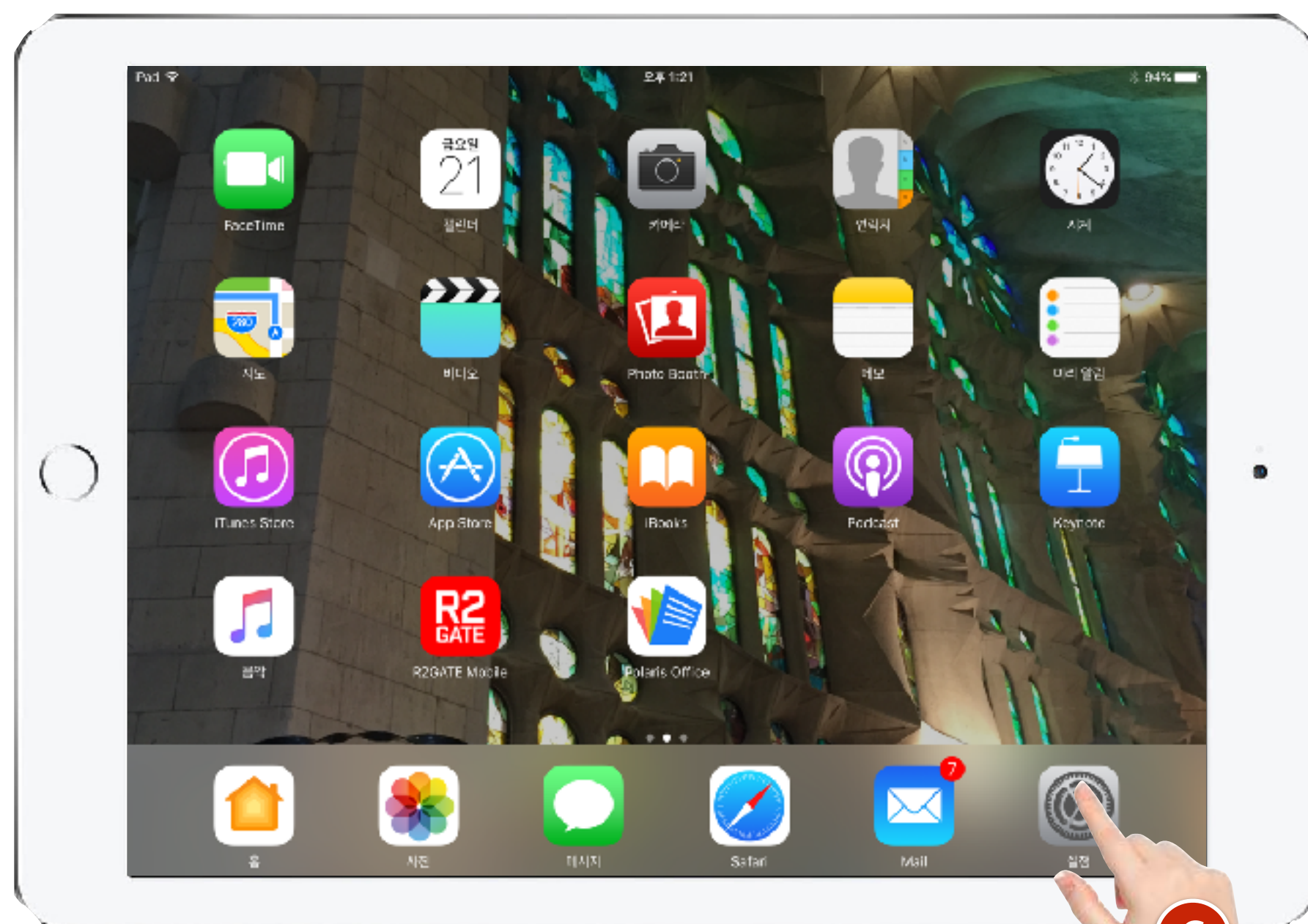
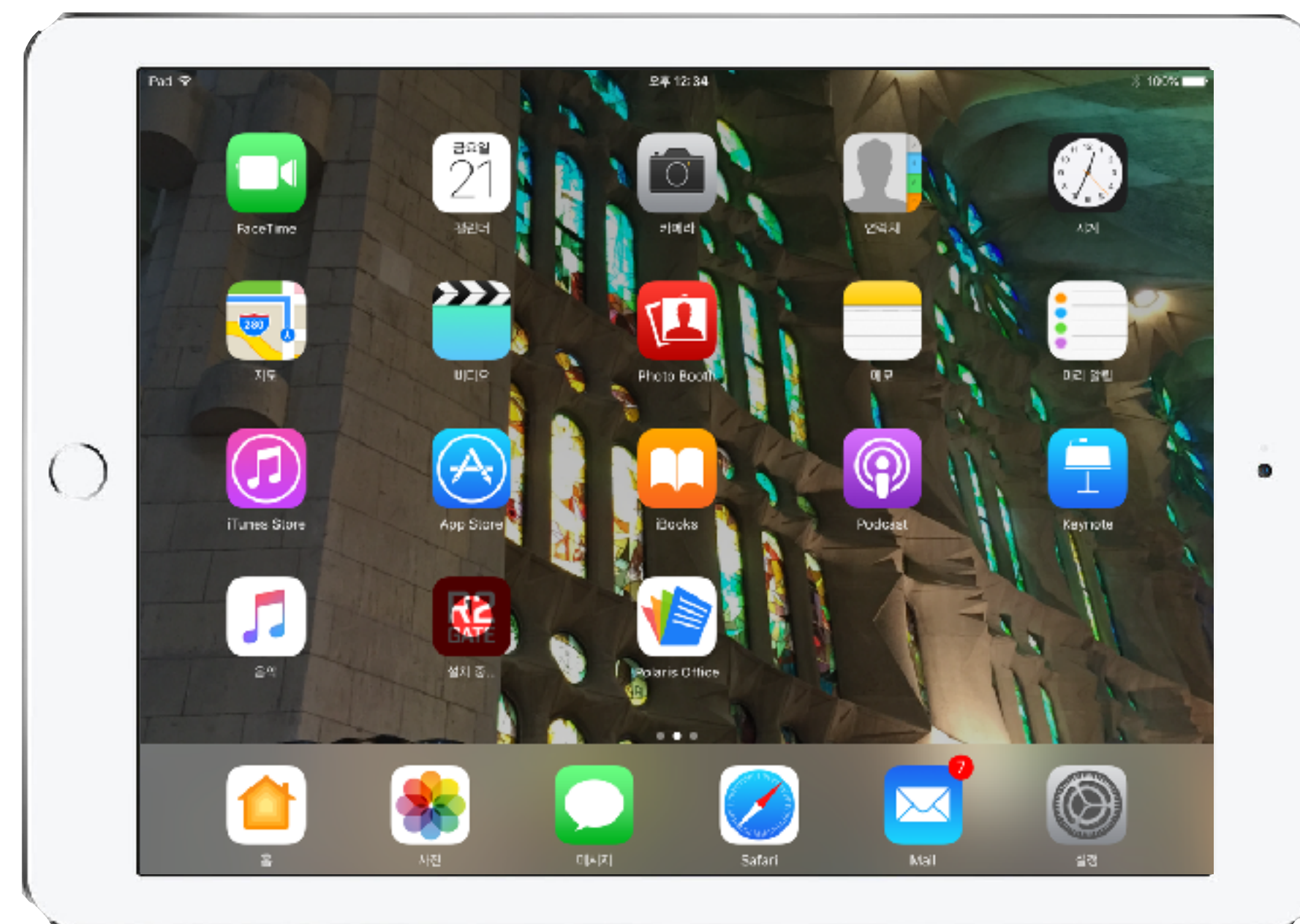
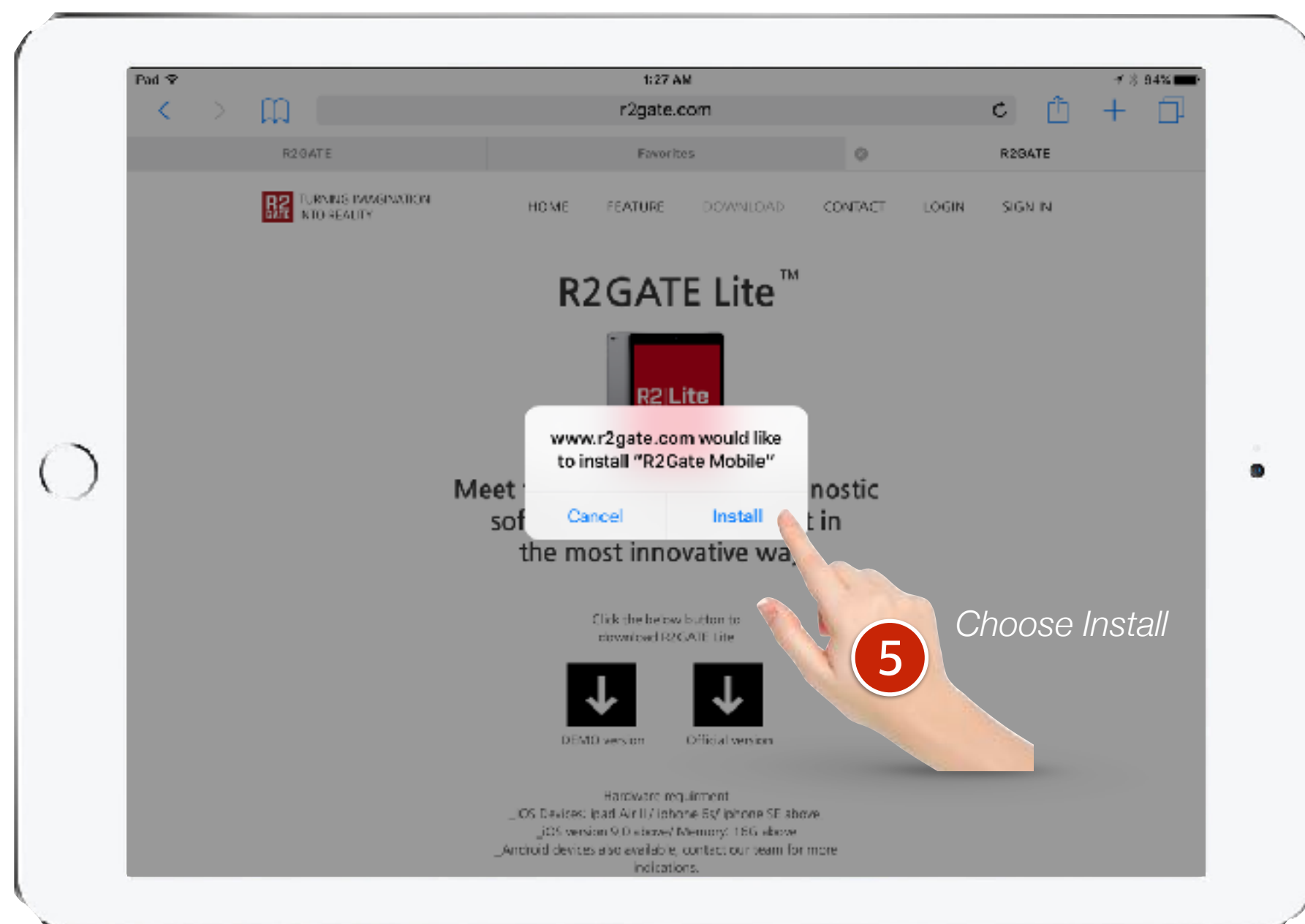


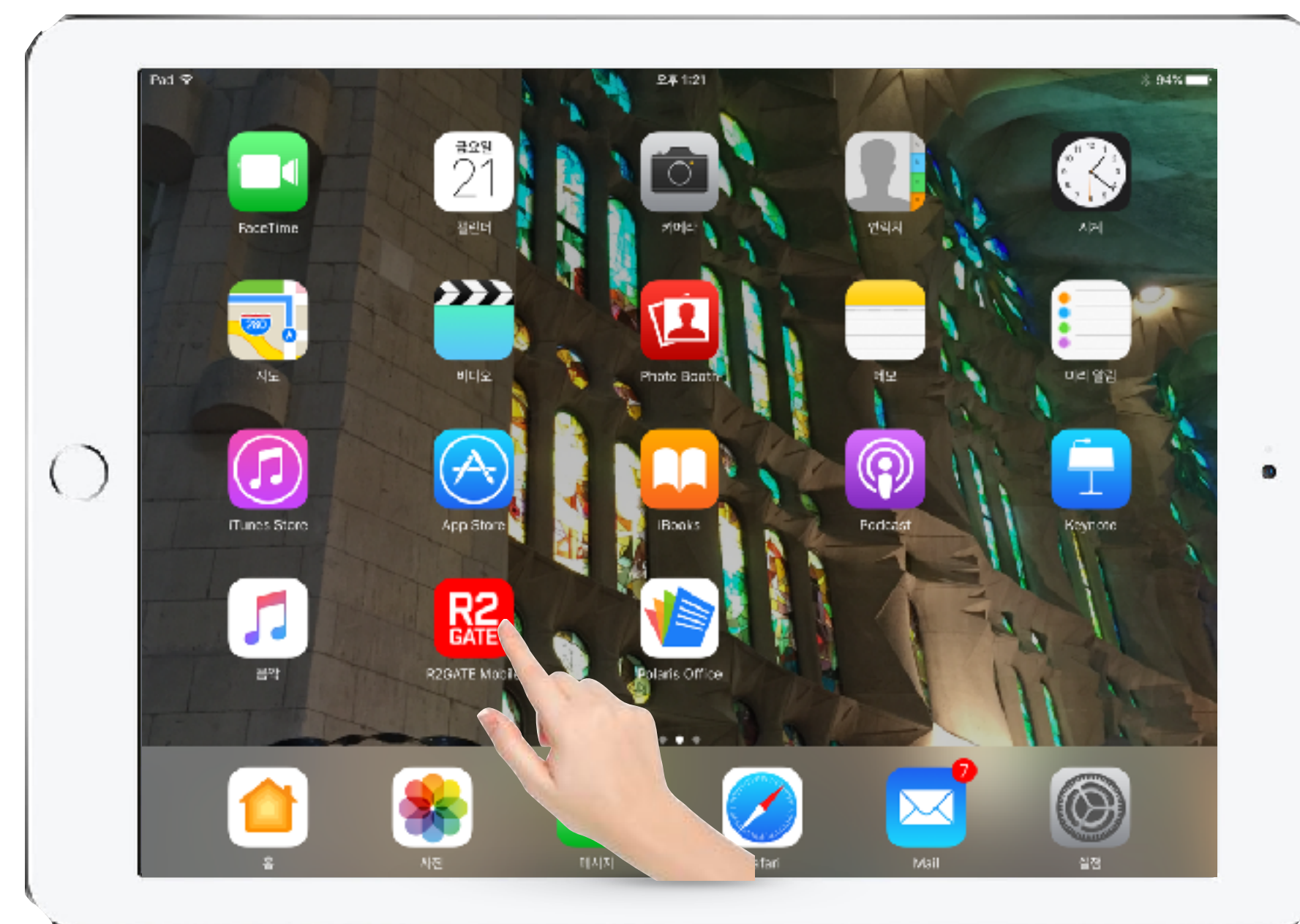
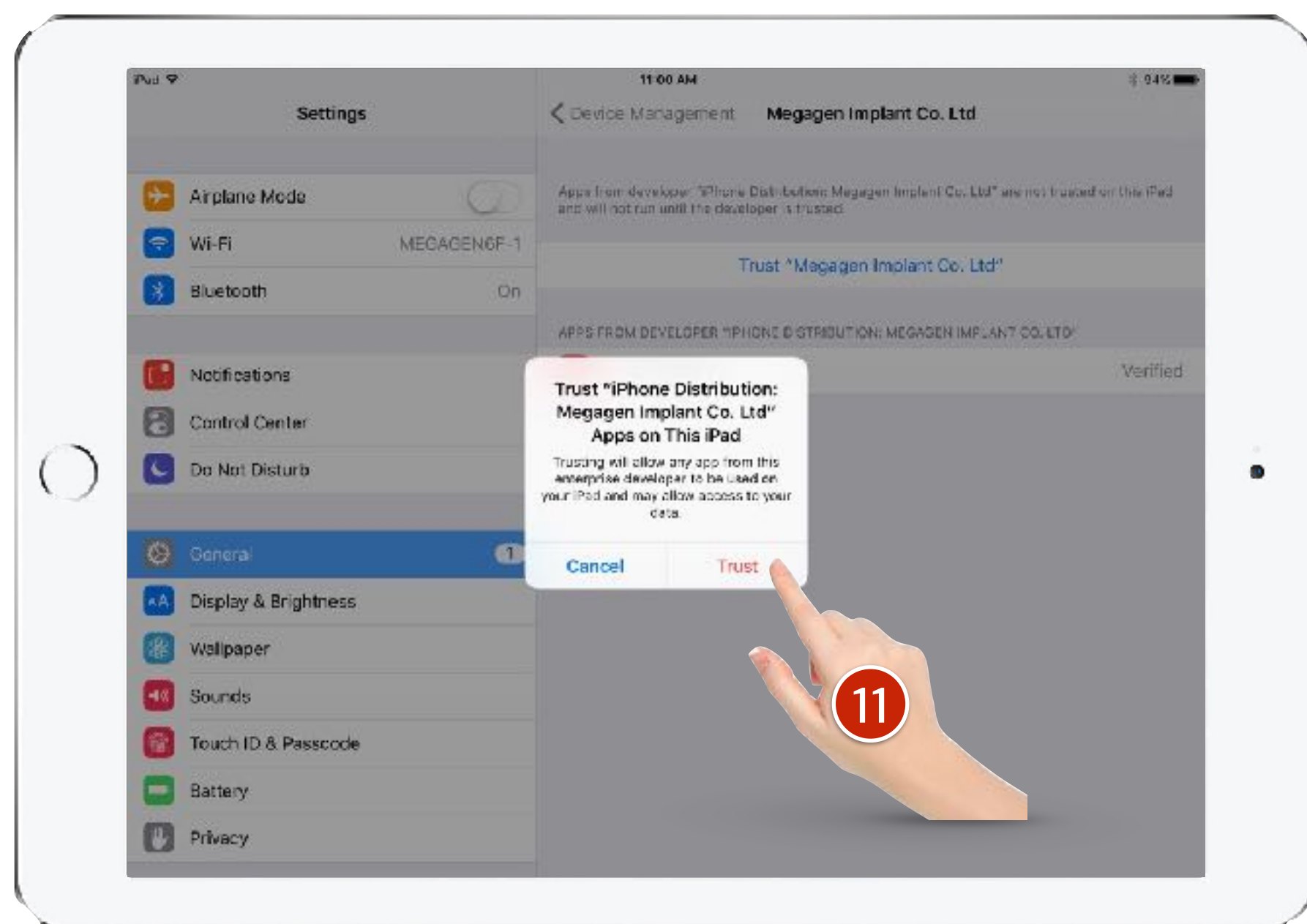
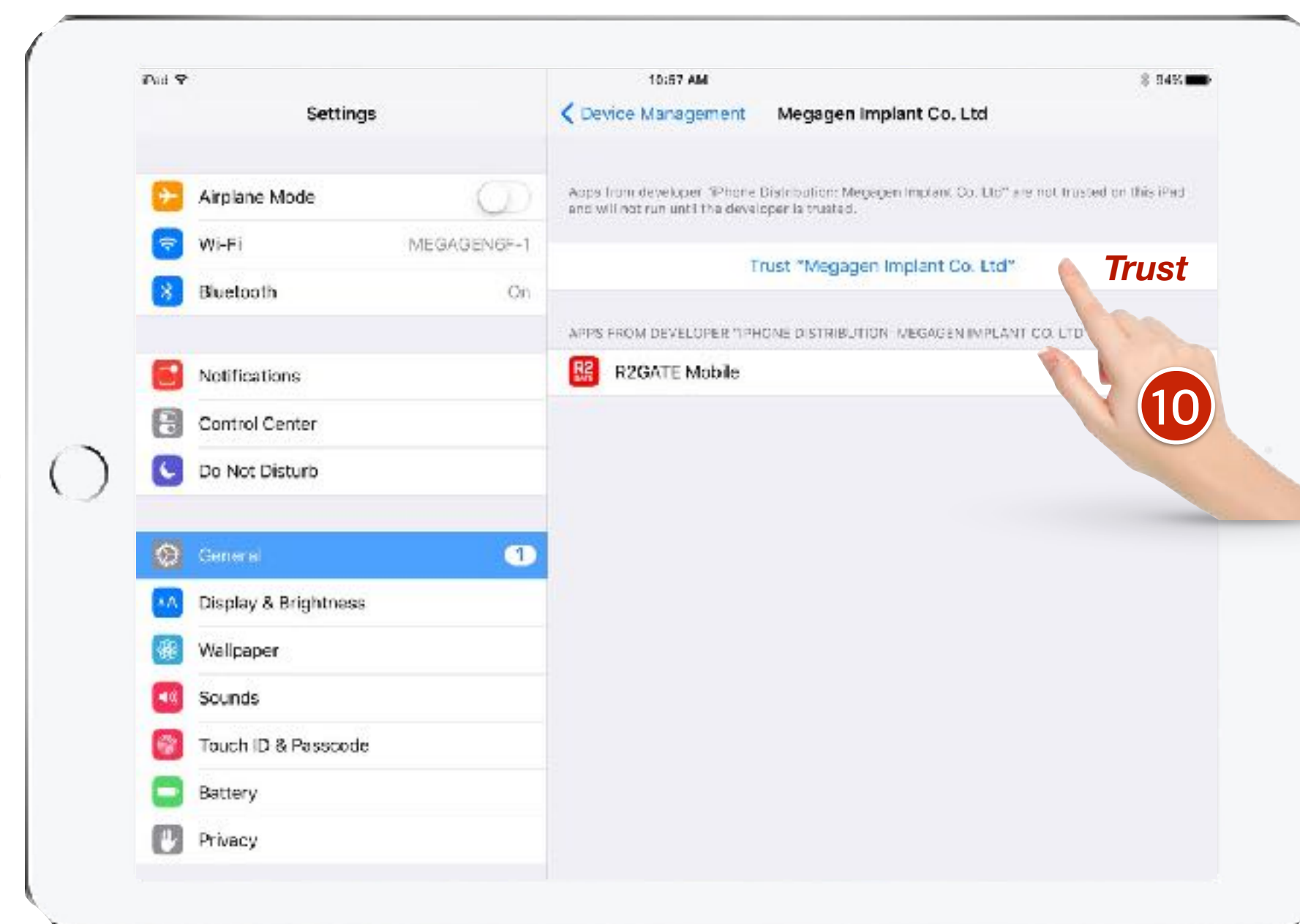
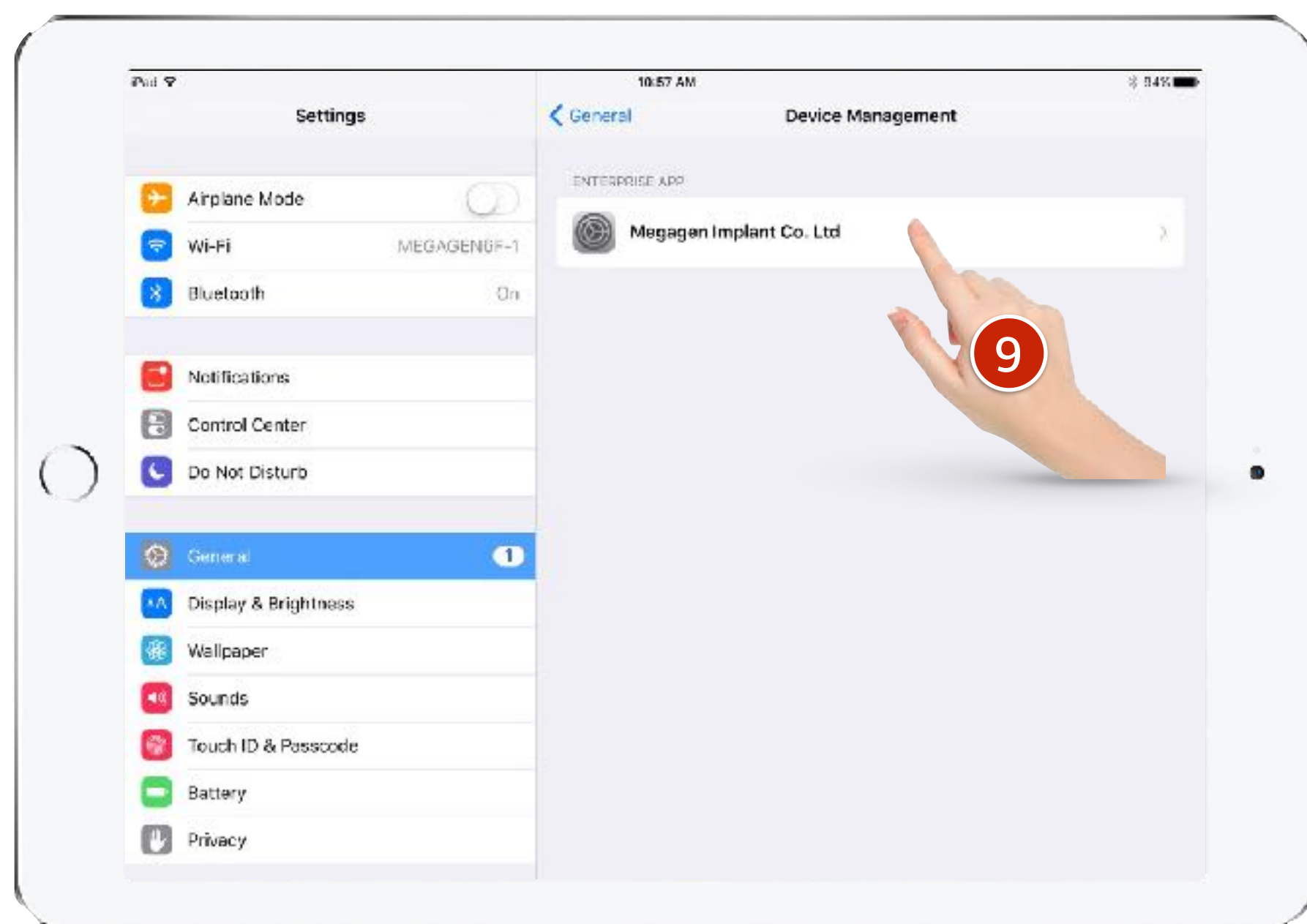
1. Using your I pad (I-pad air II above version), access to our mobile website “www.r2gate.com”

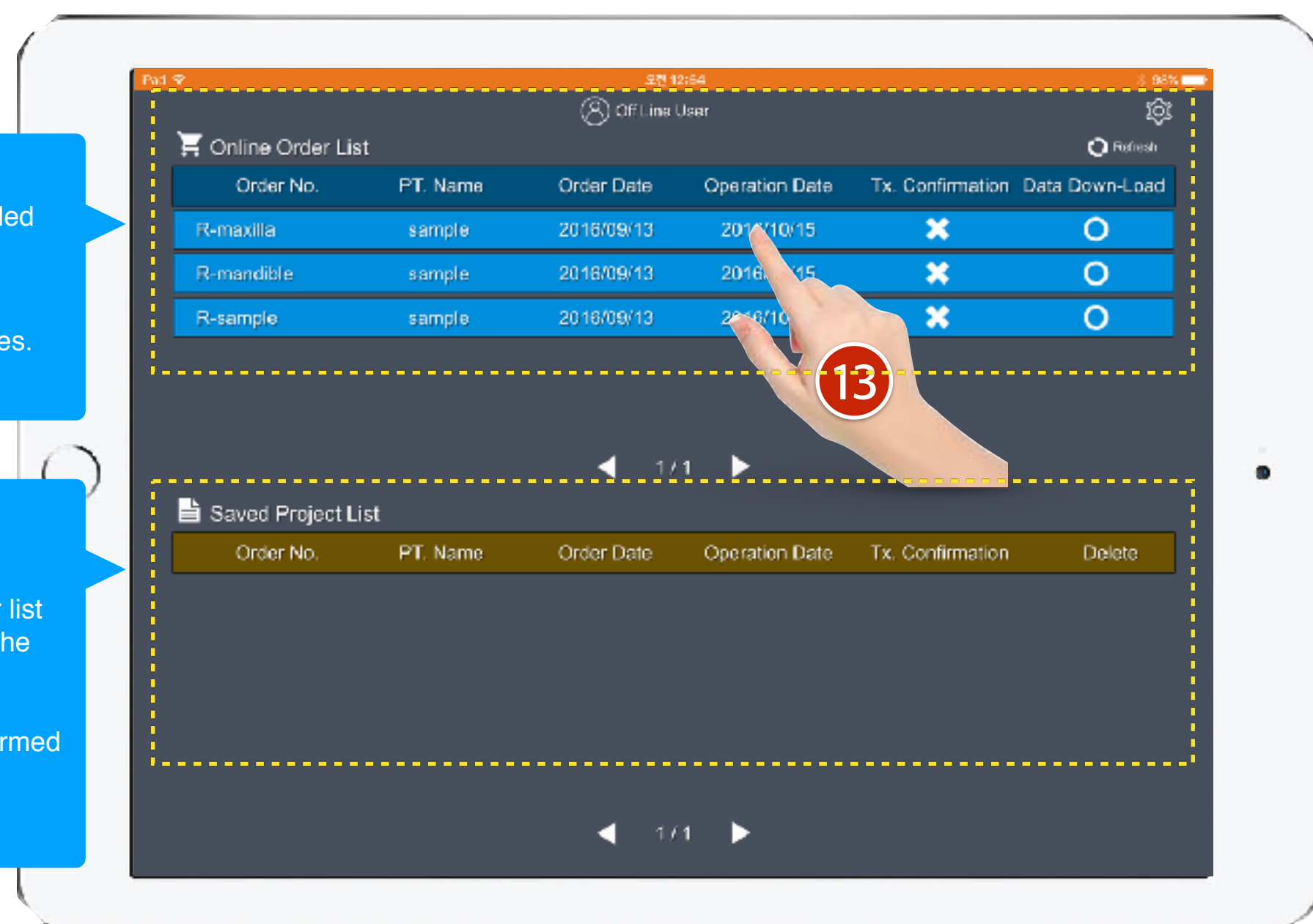


1. Insert the activation coupon number! (Demo version activation number : 0000-0000-0000)





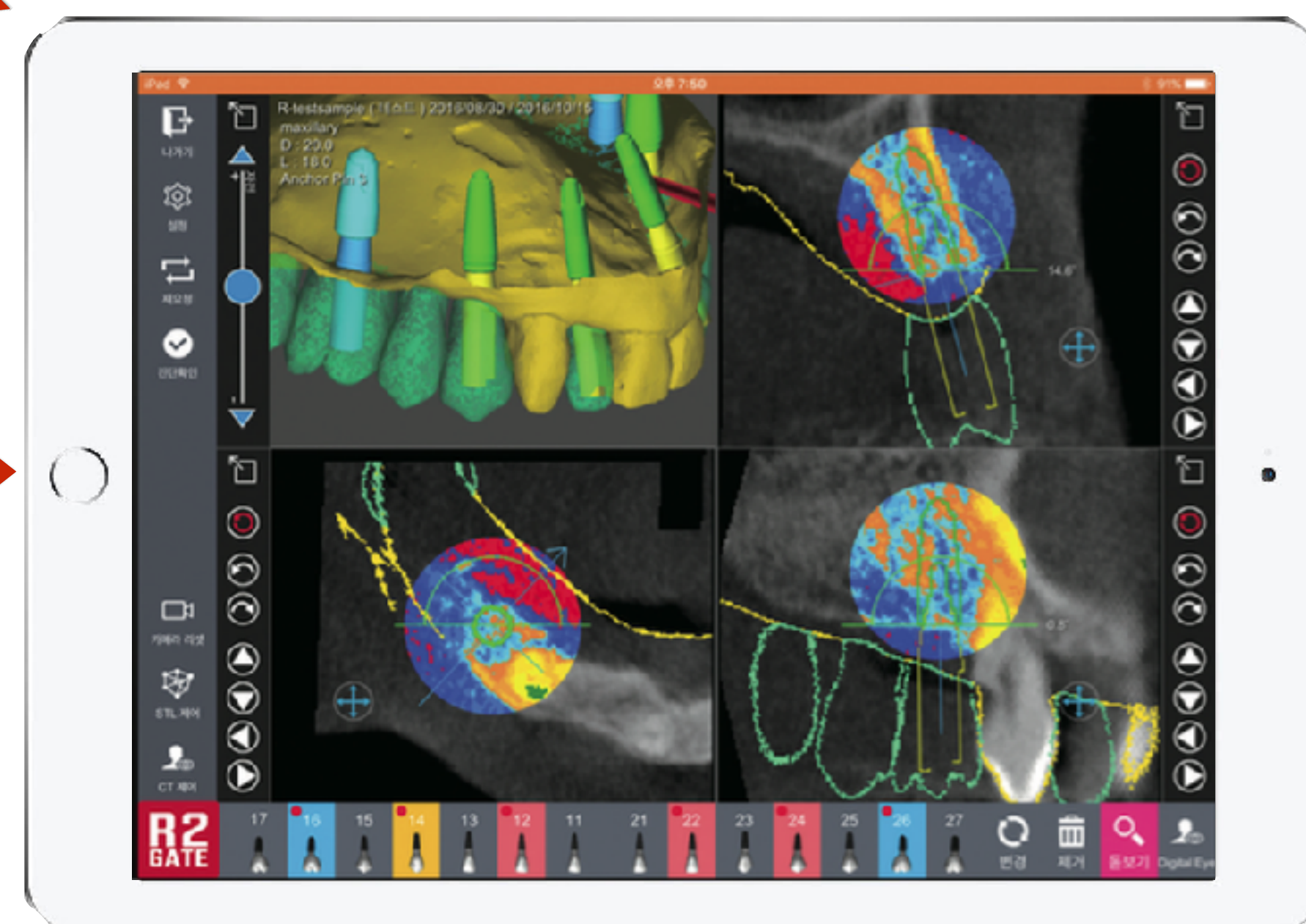




Online Order List
: it's your order list needed confirmation.

Demo version?
: There are 3 demo cases. open it and test it.

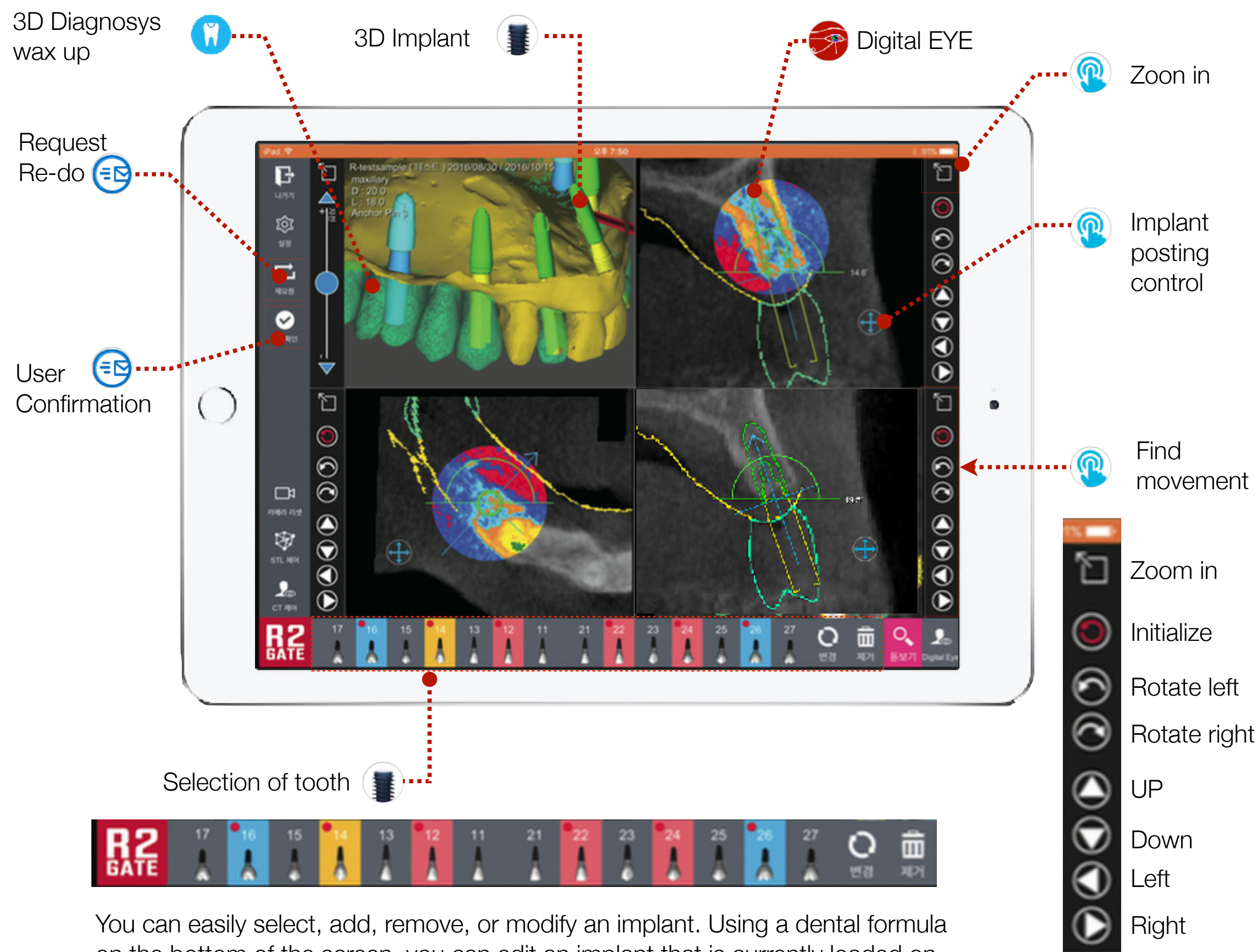
Saved project list
: When you open the case from Online order list and save it or confirm the case, it's automatically saved here. you can open the confirmed case, but can't send it to R2 Center.



R2GATE Lite™

Light but powerful function.

Showing the essential information in simpler way is the innovation.

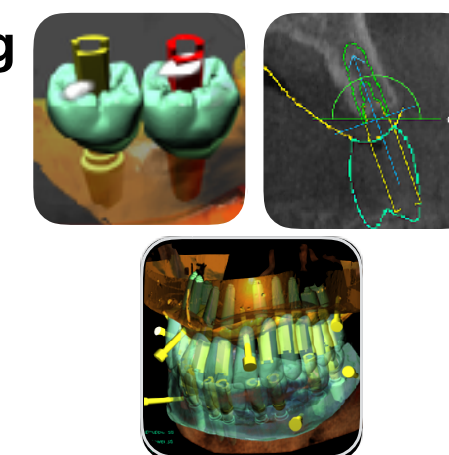


You can easily select, add, remove, or modify an implant. Using a dental formula on the bottom of the screen, you can edit an implant that is currently loaded on the planning. Pink color represents an implant that is already loaded, yellow for selected implant, blue for newly created implant. Red dot in the selected implant indicates that user modified the size, position, or angle of that implant.

3 essential elements for implant planning : BONE, Soft tissue, Teeth

For an ideal implant treatment, cortical bone, gingiva, and prosthetics must work together. R2GATE intuitively analyzes and shows the condition of cortical bone and gingiva, and possible prosthetics for best treatment planning.

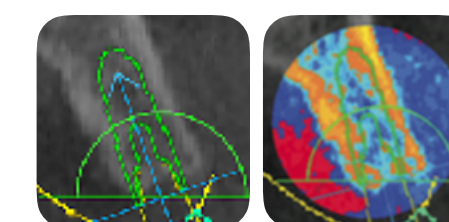
Especially for multiple-implant cases, you can comprehend distance between implants/ platform level/ angle beforehand for simpler treatment and prosthetic procedure.



Digital EYE™


Regular black and white CT analyzes the data in 256-level of shades, we can only detect 16 levels with naked eyes. R2GATE Digital EYE regenerates 256 shades into color to deliver much detailed, intuitive bone condition.

Also, it standardizes the brightness level that each CT equipment has and provides objective HOUNS FIELD UNIT. This is significantly differ from the color that other CT data provides.

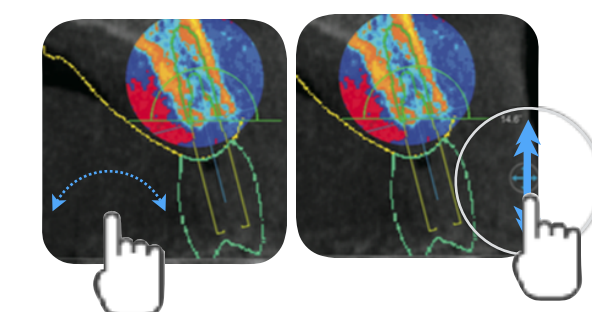


Shit, Zoom-in&out, Rotate handy with finger.

position the implant freely with your finger.
· Rotating Implant: Lightly touch the screen and drag to rotate the implant preferably.

· move Implant: Lightly touch the gn from the lower part of the screen, and drag to move the implant position preferably.

· Zoom in & out: You can easily zoom in & out by using two fingers.



Please use "Moving Key" on the right corner of the screen if accurate adjustment is needed.

Fast and easy confirmation.

Using 'Check diagnosis' button, you can easily check the diagnosis. You can also con rm the diagnosis or send the modi ed diagnosis to Center. If you need to change a model or implant site, use "Request re-do" button and receive modi ed diagnosis.

Auto recording

All the information that you have done through R2GATE Lite is automatically saved, and all confirmation or modified data will be sent to R2Center.