

The logo for DIO Corporation, featuring the letters 'DIO' in a bold, sans-serif font. The 'O' is a solid pink circle with a small white dot above it, resembling a stylized eye or a drop.

**CORPORATION  
INTRODUCTION**



# DIO Corporation Introduction

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# DIO's Vision

## Redesigning the Future



DIO

Technology development will open  
a new digital dentistry's future.

Once considered a difficult surgery, implant surgery has become popular with the general public as a familiar procedure through the expansion of the implant market and various marketing exposure.

In this domestic production implant market, with more than 30 years of history in precision manufacturing technology, DIO Implants, distinctive from others, is recognized for superior technology and premium quality implant production not only domestically, but also to worldwide countries. With dental implants as the main product line, and with others such as dentistry equipment, dental IT, medical business, and stents for cardiology use, DIO has secured its firm position as the best healthcare company in Korea.

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Chairman	JinCheol Kim
Established	Jan 25, 1988
HQ	Busan, Korea
Employees	750

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Founder & Chairman, Jin-Cheol Kim *JinCheol Kim*

## 2011~2019

- 2019 \_ Scheduled to launch Ivoclar Digital 'Programill One' for Chairside solutions
- 2018 \_ Exceeded 200,000 cumulative holes of DIONavi.
- 2018 \_ DIO PROBO/ UV Active / DIO IDx / Ivoclar Digital 'Programill 7' Launched
- 2017 \_ Founded J/V in India
- 2017 \_ Launched DIO digital orthodontic solution (DIO ORTHOnavi.)
- 2016 \_ Signed MOU on international multilateral study (9 Countries)
- 2016 \_ Launched DIO Digital Academy(DDA)
- 2016 \_ Founded J/V in Iran, China and Japan
- 2016 \_ Launched SMARTnavi.
- 2016 \_ Exceeded cumulative sales of 2.5 million UFII Implant
- 2016 \_ Selected as the supervisor of Core Biomedical Technology Project  
(Development of automated tooth prep surgery system using 3D digital technology  
- Total project expense of 7.0 billion Korean won)
- 2015 \_ Selected as a world class 300 company
- 2015 \_ Launched Digital Abutment
- 2014 \_ Launched DIONavi.
- 2013 \_ DIO Digital Solutions, Trione Launched
- 2013 \_ First stage overseas subsidiary build up  
USA, Canada, China, Japan, Mexico, Taiwan, Brazil, Hong Kong,  
Australia, Indonesia, Europe, Turkey
- 2012 \_ HSA (Hybrid Sand Blast & Acid etched) Surface Treatment Launched
- 2012 \_ Trios intra-oral scanner Launched
- 2012 \_ UF Surgical Drill Launched (Drills - Swiss made)
- 2011 \_ UF Implant System Launched
- 2011 \_ DIO Active (Ion Implantation) Surface Treatment Launched

## 2008~2010

- 2010 \_ Customized Abutment I-Fit Launched
- 2010 \_ iTero intra-oral scanner Launched
- 2010 \_ Narrow Implant System Launched
- 2010 \_ BioMatrix Stent, the First Sales Launched in Korea
- 2009 \_ SM Implant China SFDA Approval
- 2009 \_ Pledge Agreement for 1 Billion Social Contribution Fund Over  
10 Years Korean Dental Association
- 2009 \_ Stent BMS ISO 13485 Certification, European CE Certification
- 2008 \_ Company Name Change to DIO, Inc.
- 2008 \_ U.S. FDA Approval (Bio Tite H Implant)
- 2008 \_ Patent Approval, Coronary Arterial Expansion Stent
- 2008 \_ DIO Mexico Incorporated

## 2005~2007

- 2007 \_ Beijing D.S.I. Science & Trade Co. Ltd. Incorporated
- 2007 \_ KGMP Certification
- 2006 \_ Ministry of Commerce, Industry & Energy Bioactive Implant Government Initiative
- 2006 \_ Medical Equipment Joint Development Agreement with German Biosteel Medical Co.
- 2006 \_ DIO Thailand Incorporated
- 2006 \_ DIO Australia Co. Ltd. Incorporated
- 2006 \_ U.S. FDA Approval Obtained
- 2006 \_ Vietnam Affiliate Company Founded
- 2006 \_ European CE Certification Obtained



# The history of DIO

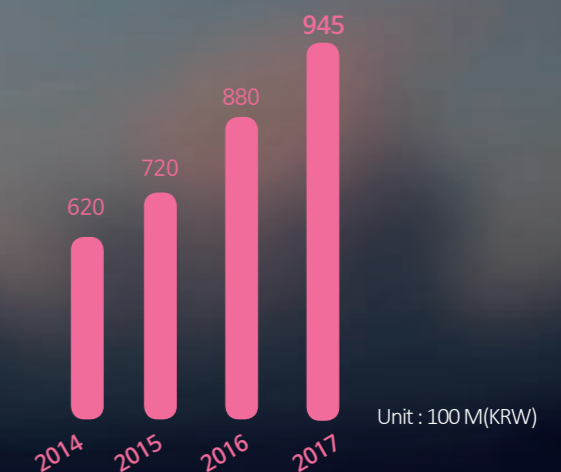
## DIO, the beginning of New Challenge

### Beginning of new advancement

DIO aims to reach the worldwide with its customers.

#### Annual sales

DIO Implant has pioneered a new market called digital implant. DIO Implant will continue its challenges and innovations.





# Human Happiness, Healthy Living, **Ultimate Value of DIO**

With corporate social responsibility, the core of who we are and what we do, DIO ultimate goal is to pursue and envision a world where everybody enjoys happiness and healthy living.

## Optimal digital dentistry that brought perfection Research & Development

DIO offers optimal digital solutions and focuses on the development of products that can improve quality of medical treatment.

### 01 R&D system to reach the top of the world RESEARCH & DEVELOPMENT

- IMPLANT R&D** | Implant Research Institute is concentrating on the development of products and research on new interpretative technologies for the purpose of developing new growth and frontier technologies that would open up the future of implant.
- DIONavi.Center** | DIONavi.Center offers digital solutions optimized for dentistry and focuses on the development of products that can improve quality of medical treatment.



### 02 Precise technology production system PRODUCTION FACILITIES

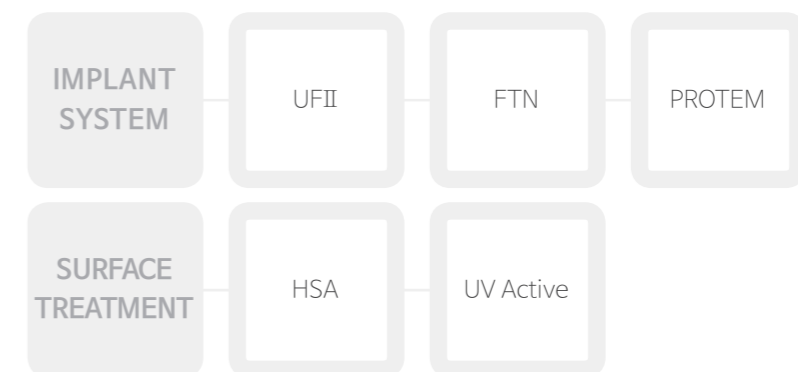
- Production Management HQ** | Advanced and automated production line built in Centum City, an advanced future city, which is controlled automatically for fundamental prevention of defects and contaminations. All products are 100% produced by our company for flawless implant production.
- Quality Management HQ** | Strict inspection and management of final products by Quality Management HQ of DIO satisfy the global standards, reducing production error to zero possibility be as close to zero as possible.



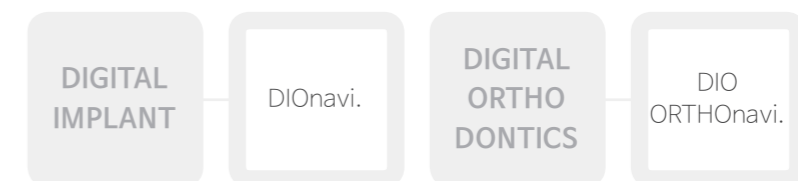
## DIO leads the global digital dentistry. DIO continuously acknowledged for its values.

DIO offers optimal digital solutions and focuses on the development of products. DIO thinks a step ahead and presents the future path of digital dentistry.

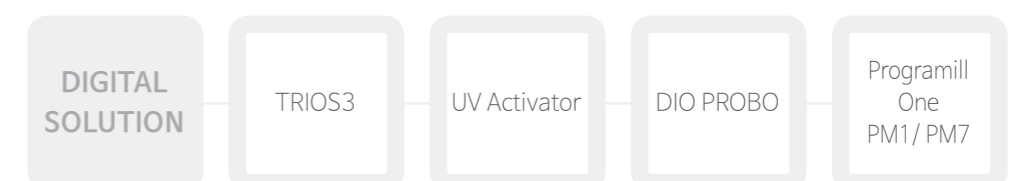
### 01 Digital Implant Solutions IMPLANT SYSTEM



### 02 Full Digitalized Surgery Solutions DIGITAL SURGERY SYSTEM



### 03 A Solution for Smart Dental Treatment DIGITAL CHAIRSIDE SOLUTION



# Start of all solutions

## DIO IMPLANT SYSTEM

Total Implant System is built for complete treatment in any case.



UFI Int. Submerged / Non Submerged System Simple & Powerful

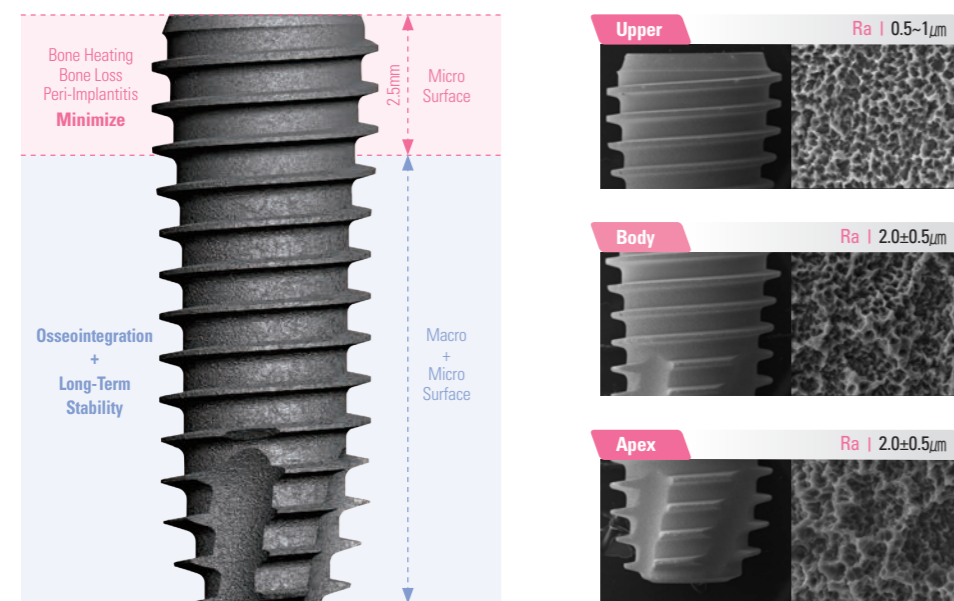
FTN External System External root type

Protem Mini System Post/Ball type implant

### Implant Surface Treatment Feature | HSA

The HSA surface treatment ensures the convenience of the procedure and excellent initial immobility in any aggregate, and effectively prevents inflammation around the implant.


**UFI HSA**




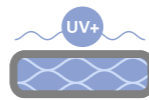


### UV Activator

UV Activator removes organic matter attached on implant surface and reforms its surface.

 Perfect surface curing completion through individual implant irradiation

 Maximize implant function through 15min UV irradiation before operation

 Placement of clean implant after UV irradiation

### UV Activator

### Implant Surface Treatment Feature | UV Active

Superhydrophobic surface using photofunctionalizing  
 UV Active uses UV(Ultra Violet) light to remove organic matters remaining on the surface of the implant fixture. It helps implant fixture to osseointegrate safely and faster.

### UV Active

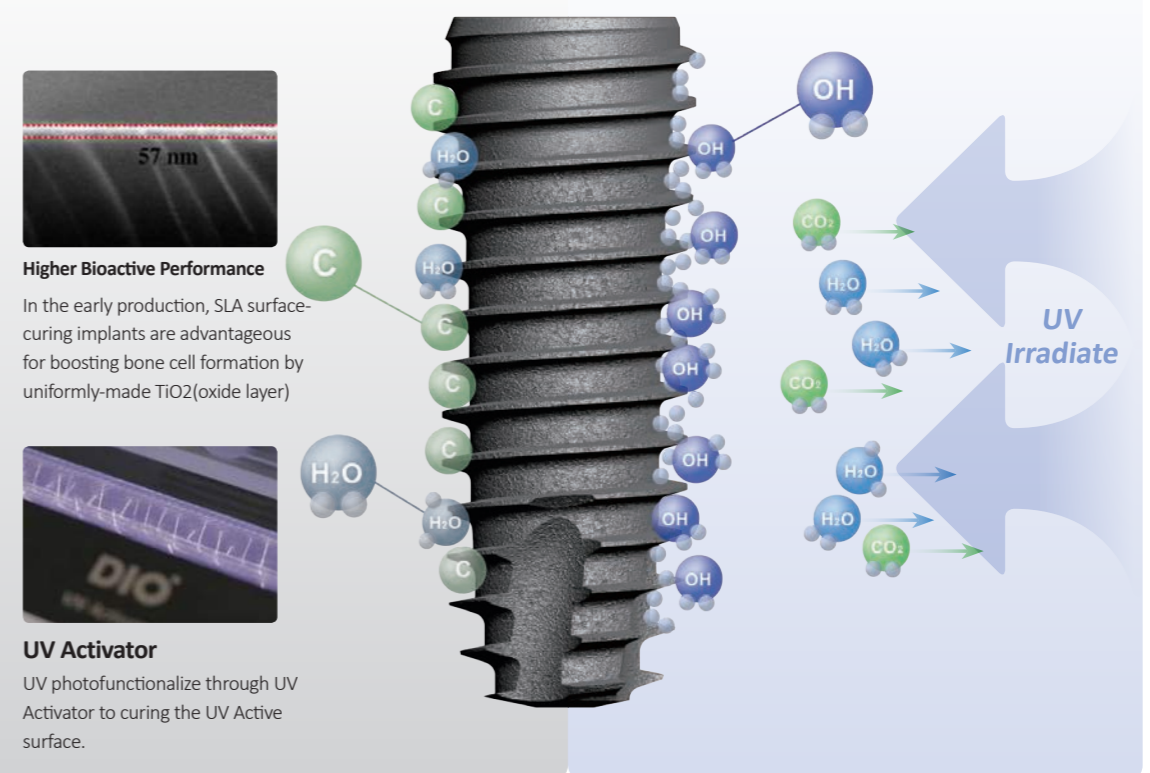
- 01**  
Prevents Aging
- 02**  
High Blood Wettability
- 03**  
Fast Osseointegration
- 04**  
Implant failure rate is low

Anti-aging effect removes organic matter on implant surface by UV irradiation.

Fast osseointegration after implant placement by enough blood supply on implant surface.

UV Active promotes bone formation around the implant area, reducing the treatment time to half.

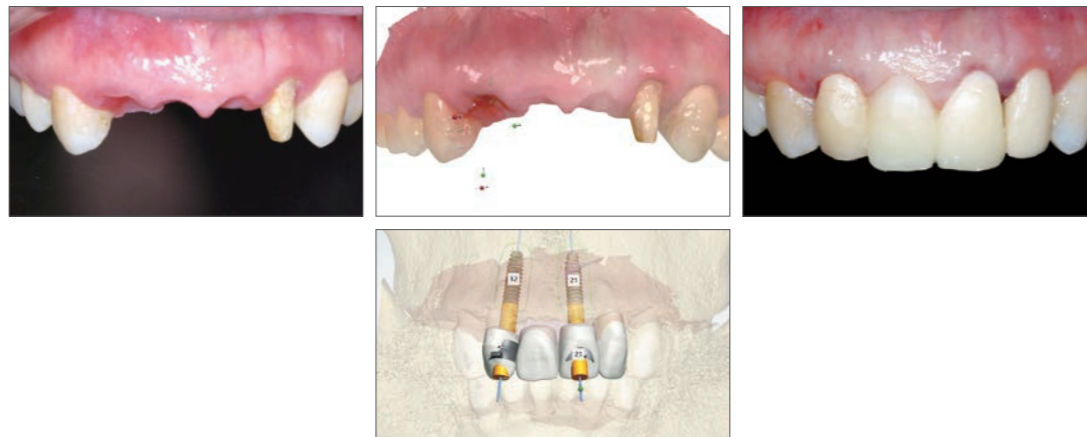
Stable bone formation and high level of bone intensity during formation.





## Full digitalized Computer Guided Implant Surgery System DIONavi.

The entire DIONavi. implant protocol carries out 100% digital data.  
It allows for implant treatment without requiring inconveniences like analog impression.



### Best accuracy and stability

DIONavi. has increased accuracy of implant placement through top-down implant planning that accounts for occlusion and stress distribution. The surgical guide with considerations of anatomical structure can perform safe implant placement

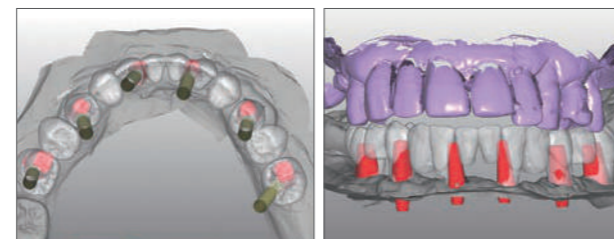


#### | DIONavi. placement

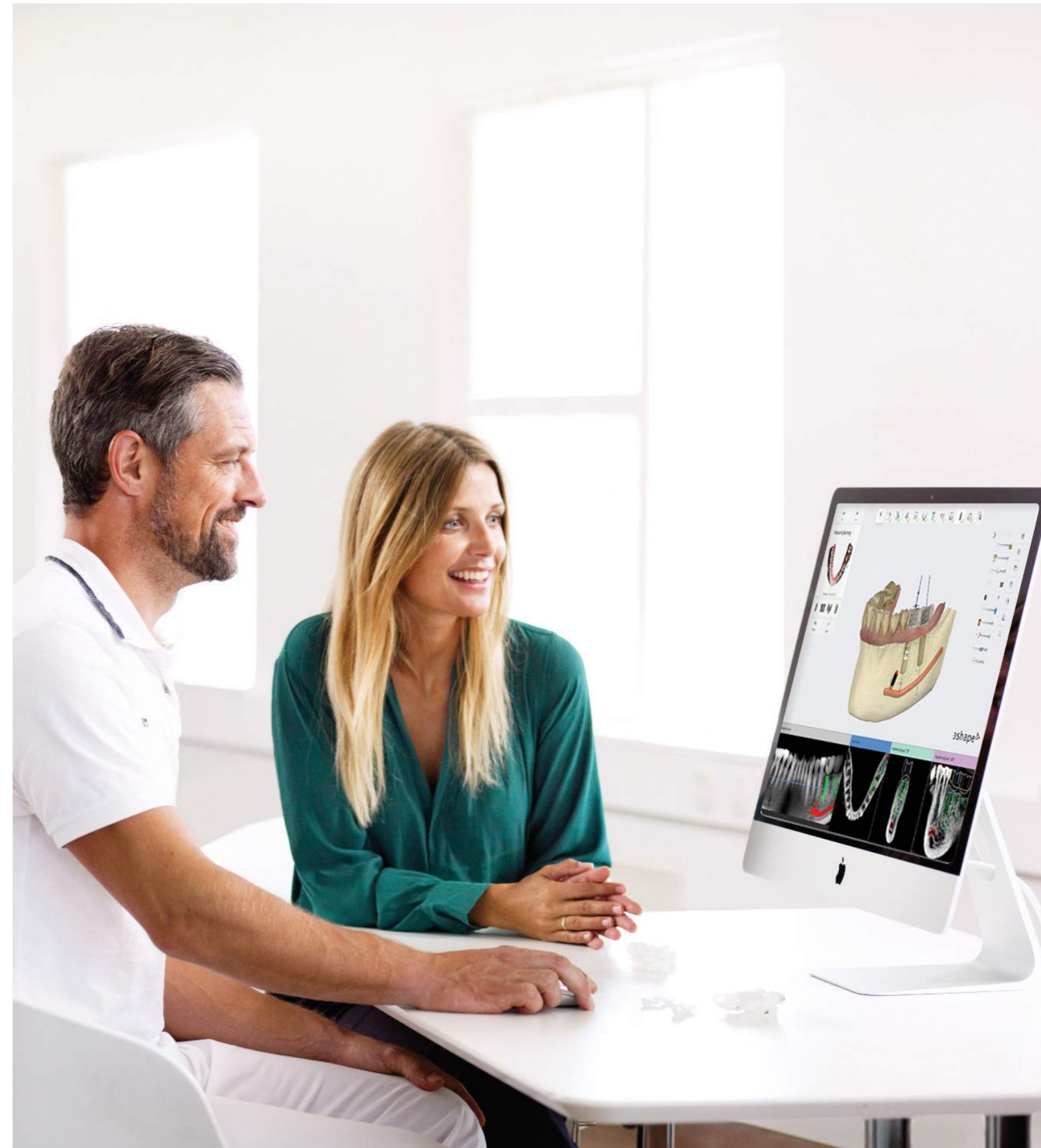


Desirable prognosis is shown after placement because load is effectively distributed by designing the crown in accurate position first and then positioning the fixture underneath the crown.

#### | General implant placement



Since it is difficult to align center of the implant and crown, load cannot be distributed effectively, leading to failure of implant placement such as fracture of prosthesis.





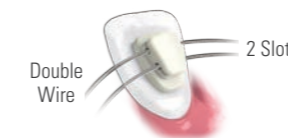
## All New Digital Orthodontics DIO ORTHOnavi.

DIO offers brand new digital orthodontic solution, DIO ORTHOnavi.  
DIO ORTHOnavi. is committed to make orthodontic treatment easy and convenient.



### Full Digital System, DIO ORTHOnavi.

Fast tooth movement and also allows orthodontist to reduce treatment time compared to conventional orthodontics.



#### | 3D Printed bracket

The world's first Double Wire Bracket by DIO uses double Ni-Ti wires to create optimum orthodontic forces to teeth to ensure ideal conditions for comfortable and fast tooth movement.



#### | 100% Custom Bracket

DIO ORTHOnavi. uses 100% custom made lingual bracket placed behind teeth providing a great cosmetic alternative and reduces treatment time for bracket positioning thanks to the patented Jig system.



#### | Comfortable for Patient

We have minimized the sense of foreign body with the customized bracket base optimized for each individual.

# Leading the most innovative digital dentistry

## DIO Digital Chairside Solutions

Transform your clinic with 100% digital workflow



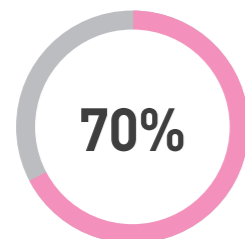
### 1 Hour, Prosthetics

Enable to set prosthetics to patient mouth within 1hour with DIO chairside solution

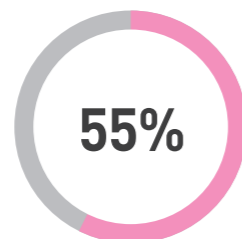


### 2 Hours, Implant

Enable implant surgery using guide and temporary crown setting within 2hours with DIO's Chairside 3D printer and milling machine



Treatment Time Saving



Clinic Visit Saving



Maximize Patient Satisfaction

<< Milling | Ivoclar Digital Programill One

Printing | 3D Printer DIO PROBO >>

<< Oral Scan | 3shape Trios 3

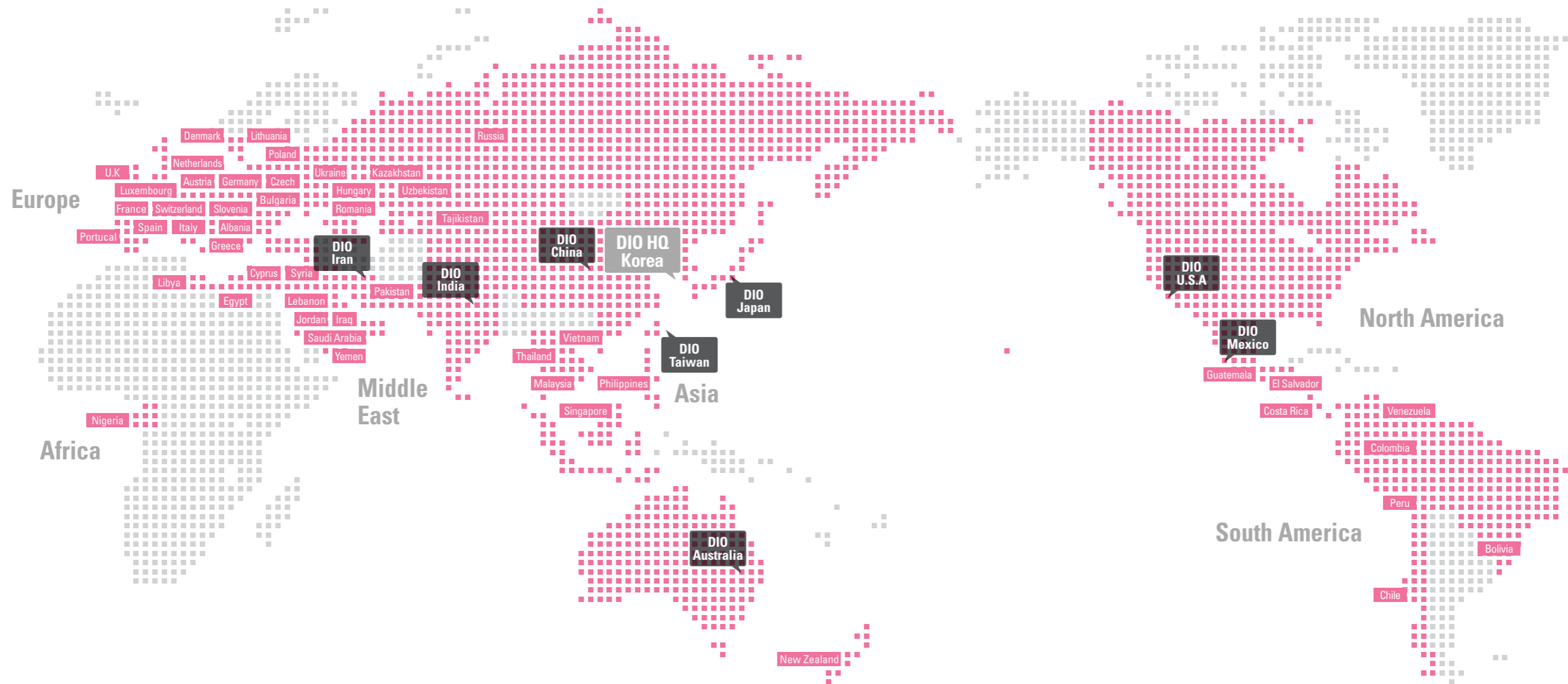
**DIO DIGITAL  
CHAIRSIDE  
SOLUTIONS**



## Global and Local Activities

DIO Implant has a vast global network.

We are committed to a comprehensive array of important activities to promote the use of dental implants through product development, educational seminars and global presence in many exhibitions. In this rapidly changing dental healthcare environment, we at DIO will leap forward to become the World's Top Class digital dental solution company.



## Leading the Global Digital Dentistry DIO Sales Network

Rather than pursuing simple market expansion through customer acquisition, DIO Implant aims for win-win partnerships in dental implant specialty with not only our customers, but related business organizations both in Korea and overseas.

# 3

Global Top 3

DIO pioneering a new market for digital implants, We will be responsible for the future of Digital Dentistry.

# 70

Exporting to about 70 countries around the world

With excellent and competitive products proven by various export tower awards, products of DIO are sold in about 70 countries in the world.

# 12

Founded 12 overseas subsidiaries

DIO will grow into global top 3 by launching local subsidiaries in the United States, Japan, China, Taiwan, Mexico, Australia, India and Iran.



# The most trustworthy way to become an digital dentist DIO Digital Academy

DIO Digital Academy is designed for global dentists to get highly advanced training in Digital dentistry

## Reliable Education System

DIO Digital Academy has efficient and reliable educational system which establishes the jointly certified curriculum, facilities and training activities between New York University(NYU) College of Dentistry Linhart Continuing Dental Education Program.

## World-Class Lecturers

DIO Digital Academy's lecturers are the experts in digital dentistry, approved by NYU with the best research and practice in digital dentistry.

## World-Class Educational Facilities

DIO Digital Academy has the world's best facilities for full digital workflow training, equipped with Intra Oral Scanner, 3D Printer, Milling Machine and CAD software training room.



Linhart Continuing Dental Education Program



## Improving human health worldwide is DIO's ideal. DIO Symposium

Through DIO Digital Symposium and DIO International Meeting, DIO shares its vision and creates future business.

### DIO international meeting

We held numerous international meeting in big cities such as Beijing, Rome and Las Vegas, Busan and communicated with 2,000 participants. As the world's best digital solution, DIO International Meeting offers a complete digital workflow and scholar overview. The consistently high level of participation for years confirms the sustained success.



### DIO Digital Symposium

DIO Implant users from 70+ countries around the world provided a constant flow of debate, perspectives and information centered on DIO's products, as well as the industry's best practices, thus providing both an academic and non-academic forum for important information exchange and collaboration.



## Leading the World Digital Dentistry Exhibition

DIO is a major participant in various exhibitions in Korea but also overseas. Through these exhibitions we communicate with customers about the latest digital technology.



# DIO moves forward we commit contribution to human healthcare.

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