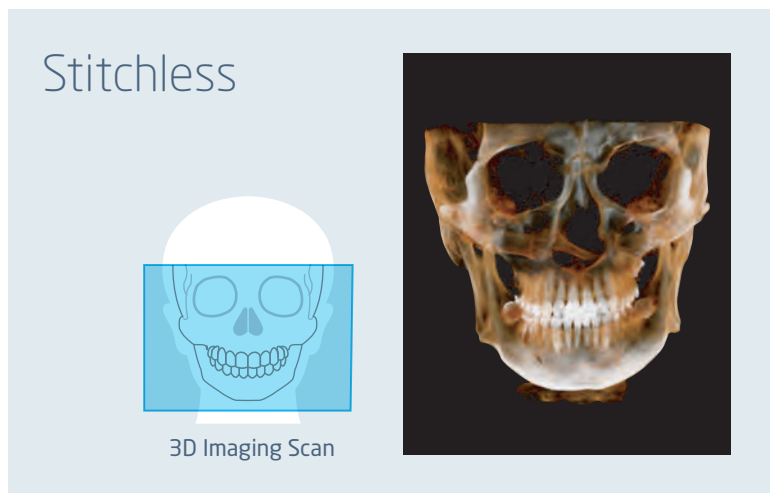# RAYPreMiere

ALL THE DETAILS IN ONE SCAN

18×16cm FOV, Stitchless Scanning Provides Anatomical Detail

Ray

RAYPremiere is the Outcome of Our Challenges for decades.
It is created with the Power to Scan and Manage all Patient Information for
Diagnostics and Treatments in Dental Clinics for the upcoming Digital Dentistry

The new CBCT will give not only the fundamental insight into the patients' diagnosis by creating 3D Virtual Patient
but also tools for predictable, safe and patient-friendly treatment planning. Once you have your own 3D Virtual Patient,
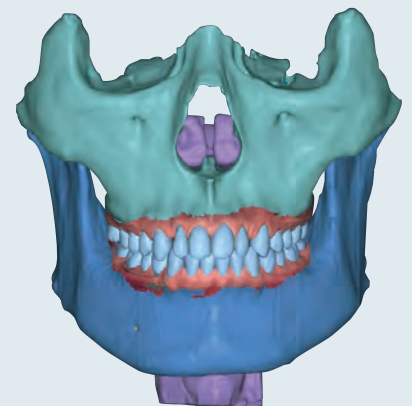there is no limit in full digital analysis.

Stitchless

3D Imaging Scan

One Scan, All the Detail

· The accuracy and reliability of large-area CBCT data
  without switching.
· The disadvantage of stitching overlapped regions is
  that such overlapped regions are imaged twice,
  resulting in double the radiation dose to such regions
  and potential for image distortion.

The ideal 18 x 16cm FOV for expanding to your diagnosis area

· The x-ray, digital impressions and 3D facial image are
  automatically superimposed with RAY SW, making
  treatment more comprehensible for your patients to
  ensure greater understanding and trust.
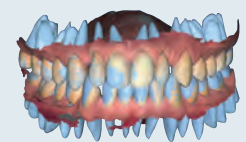· Automated nerve tracing, teeth & bone segmenta-
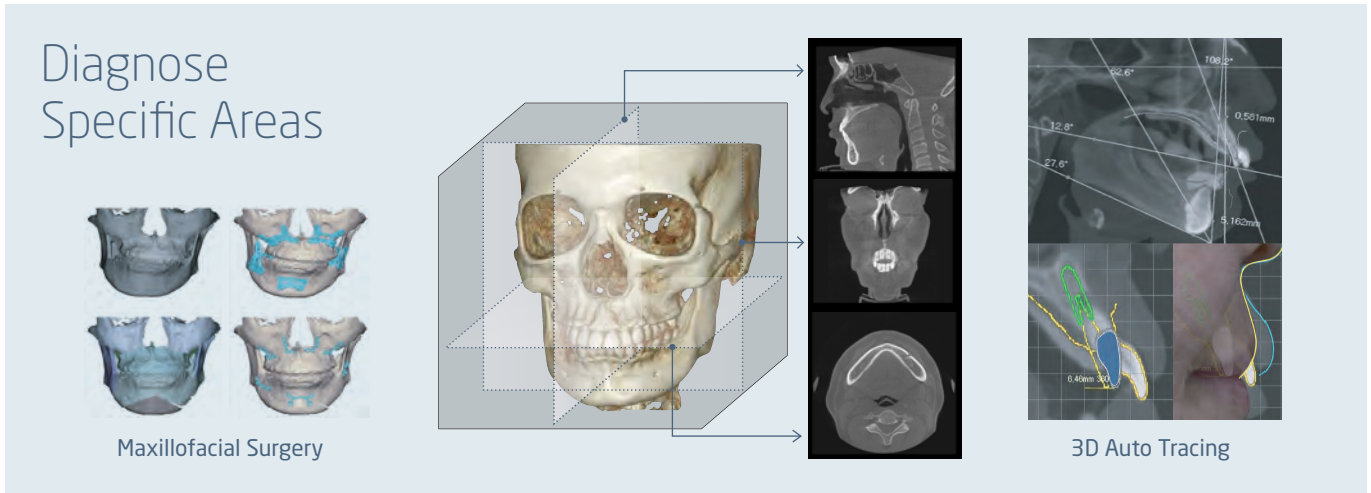 tions and Fusion.

18 x 16cm
FOV

Bone Segmentations

Nerve, Sinus, Airway

Teeth+Root

Diagnose
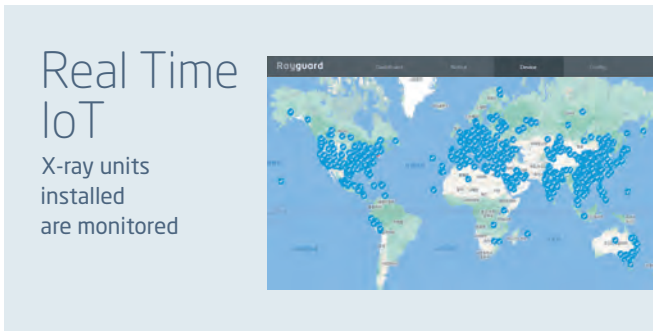# Specific Areas

Maxillofacial Surgery

3D Auto Tracing

Specific area diagnosis

· The RAYPremiere system provides the specialist practice with a larger view of pertinent hard and
  soft tissue details and maxillofacial surgery, implant, and orthodontic surgery.

Adjust
the FOV

Real Time
IoT

X-ray units
installed
are monitored

Visible X-ray guide

· The user can conveniently adjust the FOV according to the
  purpose of the treatment.
· Optimal size for specific treatment, reducing x-ray exposure to
  patients.

RAYGuard

· All our X-ray units installed are monitored through an IOT system,
  called RAYGuard.
· It`s a 24/7 monitoring system which enables us to provide
  preemptive support.

A Single Scan is enough to obtain All the Clinical Views required for Formulating Well-Informed Diagnoses & Developing Confident Treatment Plans from start to finish

Ray