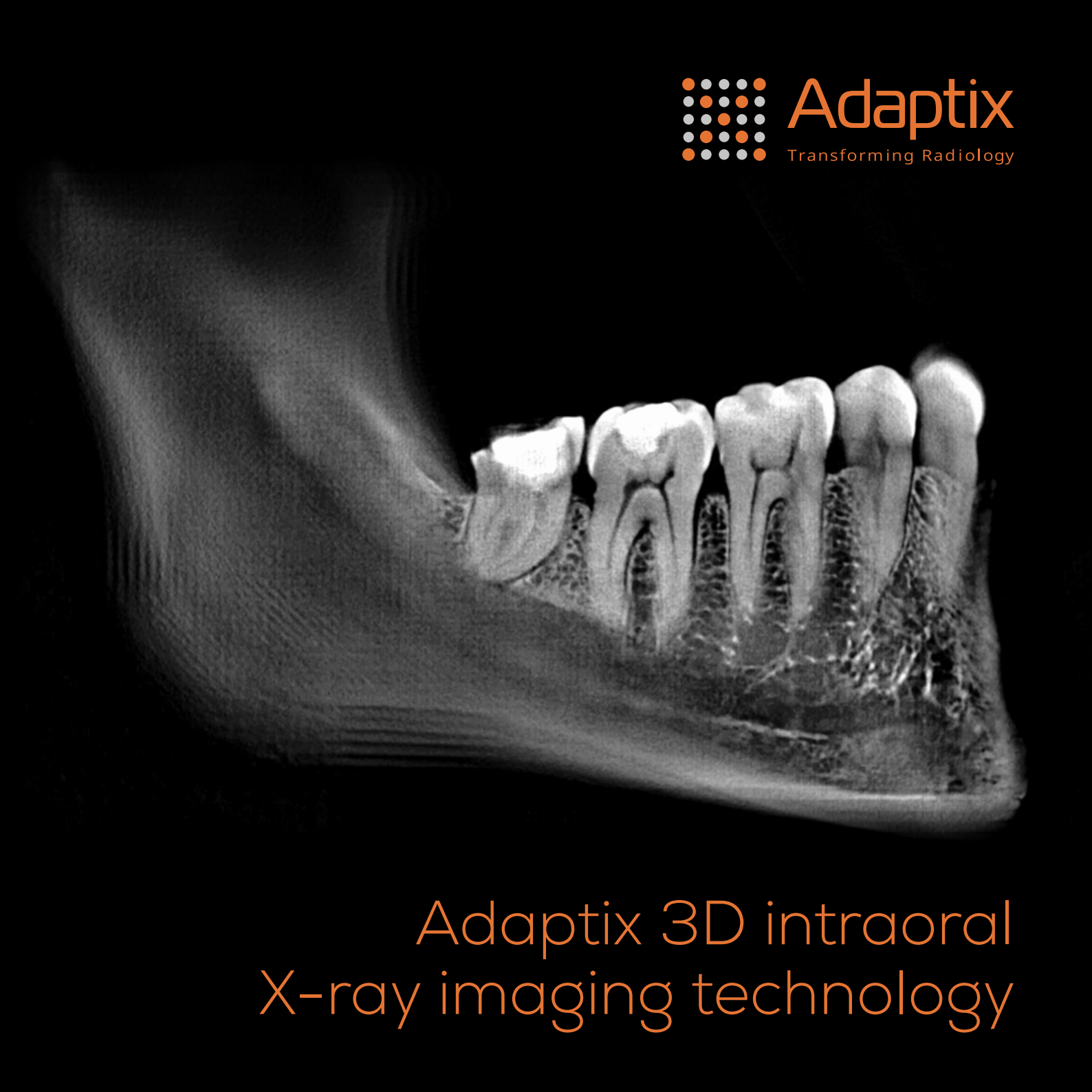
Adaptix
Transforming Radiology



Adaptix 3D intraoral X-ray imaging technology

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Transforming radiology by bringing low-cost, low-dose 3D X-ray imaging to the point of care.

Bringing 3D imaging to your patients

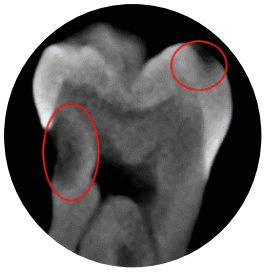
2D is the dominant imaging modality but gives a fundamentally limited view of anatomy.

We are bringing 3D imaging to the chairside, using Adaptix's portable and low-dose solution.

The Adaptix 3D system generates a stack of slices through the teeth in 3D from an arm-mounted device.

The Adaptix 3D system has a dose similar to existing 2D X-ray systems at a lower cost than CBCT systems.

2D



Adaptix 3D

Features

- Low-dose 3D intraoral bitewing and periapical imaging at the chairside
- Accelerated workflow
- Can be moved between operators (cart-mounted option)
- Reduced need to refer patients away to CBCT
- Earlier detection and enhanced diagnostic confidence

Product Details

- Acquisition time ~5 secs
- First reconstructed image available in <10 secs. Full dataset in <1min
- Used with size 1 and size 2 intraoral sensors
- Cart, chair and wall mounted configuration will be available

Revolutionary X-ray generation technology

The unique flat panel X-ray source at the heart of the system contains a 2D array of cold cathode sources that enables 3D image generation without any moving parts.

System benefits

- Compact imaging device that can be used in exactly the same way as your existing intraoral X-ray system (cart, wall or chair mounted options will be available)
- Enhanced diagnostic detail in 3D slices enables quantitative analysis
- Low-dose imaging enables repeat imaging studies to monitor disease progression and response to therapy
- No metal streak artefacts
- Higher in-plane resolution than CBCT

2D

Adaptix 3D

More accurate diagnoses and higher profits for your practice

The portability, low-dose and clearer visualisation detail make our imaging devices the future of clinical point-of-care dental imaging.

Patient

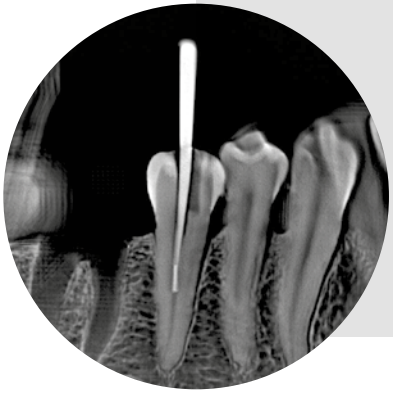
- Earlier diagnosis reduces need to 'drill and fill'
- Enables more treatment with local dentist
- State of the art imaging; increases confidence

Payer

- 3D imaging at lower cost than CBCT
- Earlier intervention enables lower cost treatment

Practice

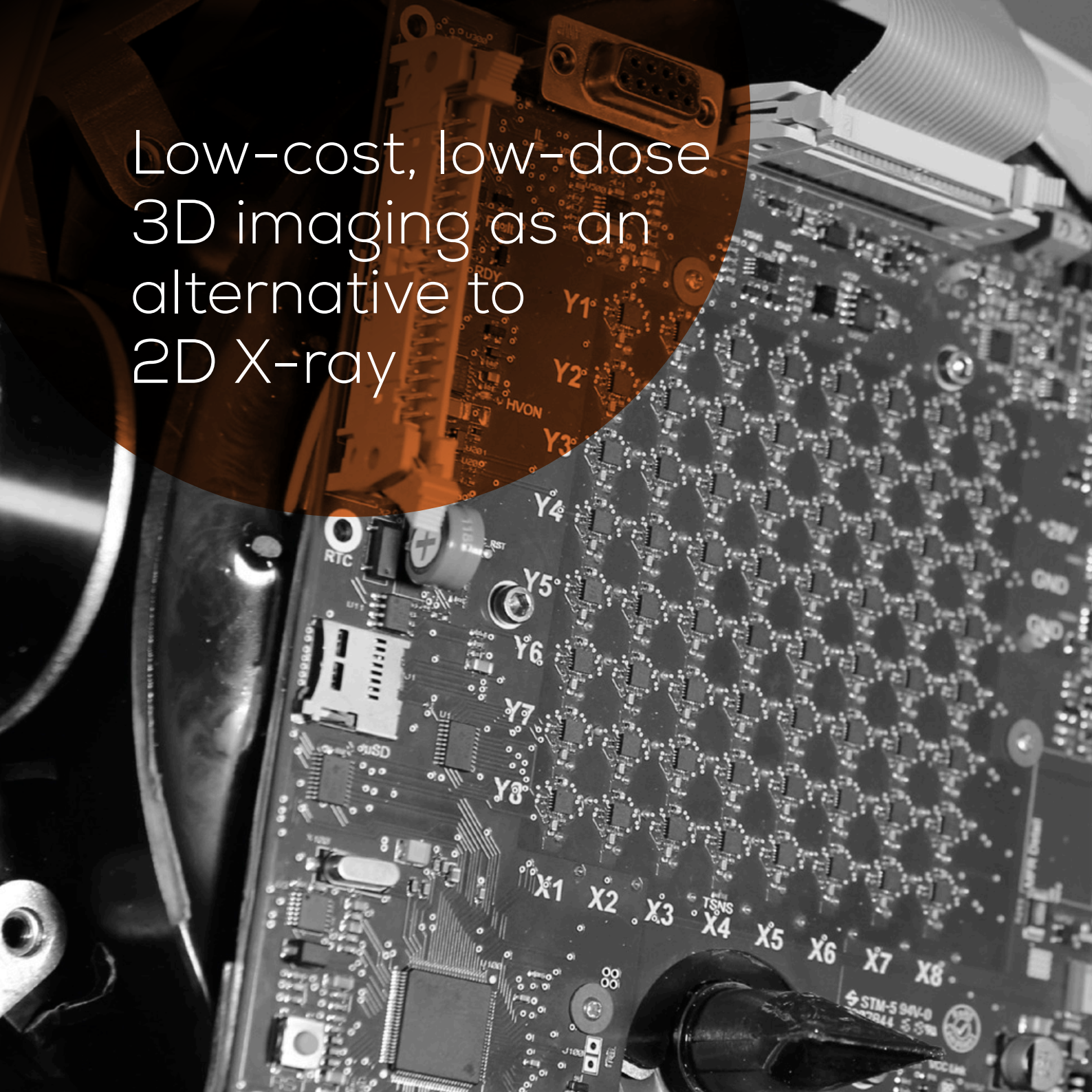
- Greatly enhanced diagnostic confidence
- Reduces need to refer away for CBCT imaging
- Increases ability to treat difficult cases in the practice (e.g. 3rd molar extraction)
- Earlier intervention enables lower cost treatment



Adaptix 3D

Adaptix 3D

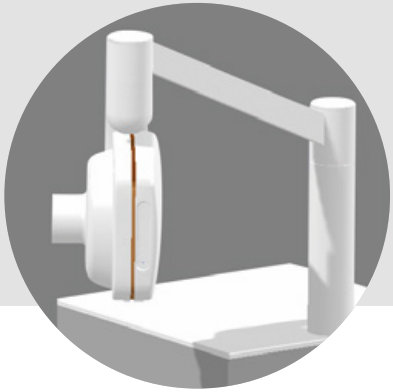
Low-cost, low-dose 3D imaging as an alternative to 2D X-ray



Adaptix is transforming radiology by bringing to market an addressable Flat Panel X-ray Source (FPS) with a multitude of individually addressable emitters with integrated power supply – essentially we are 'digitizing' the source to complete the digitization of the imaging system.

Our patent-protected technology enables fast 3D imaging from a stationary source at a significantly lower dose than CT. The FPS is designed to allow 3D image formation by means of Digital Tomosynthesis combined with CMOS intraoral sensor technology.

Adaptix was founded by experts in medical devices to bring technology out of the lab and into the clinic. Our team includes 11 PhDs/MDs, together with hardware, software, business, project and product leaders and is backed by internationally recognised experts. Adaptix is ISO 13485 certified for design and development.



DISCLAIMER: The Adaptix dental system has not been approved for medical use in the EU/US and is not yet available for sale

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