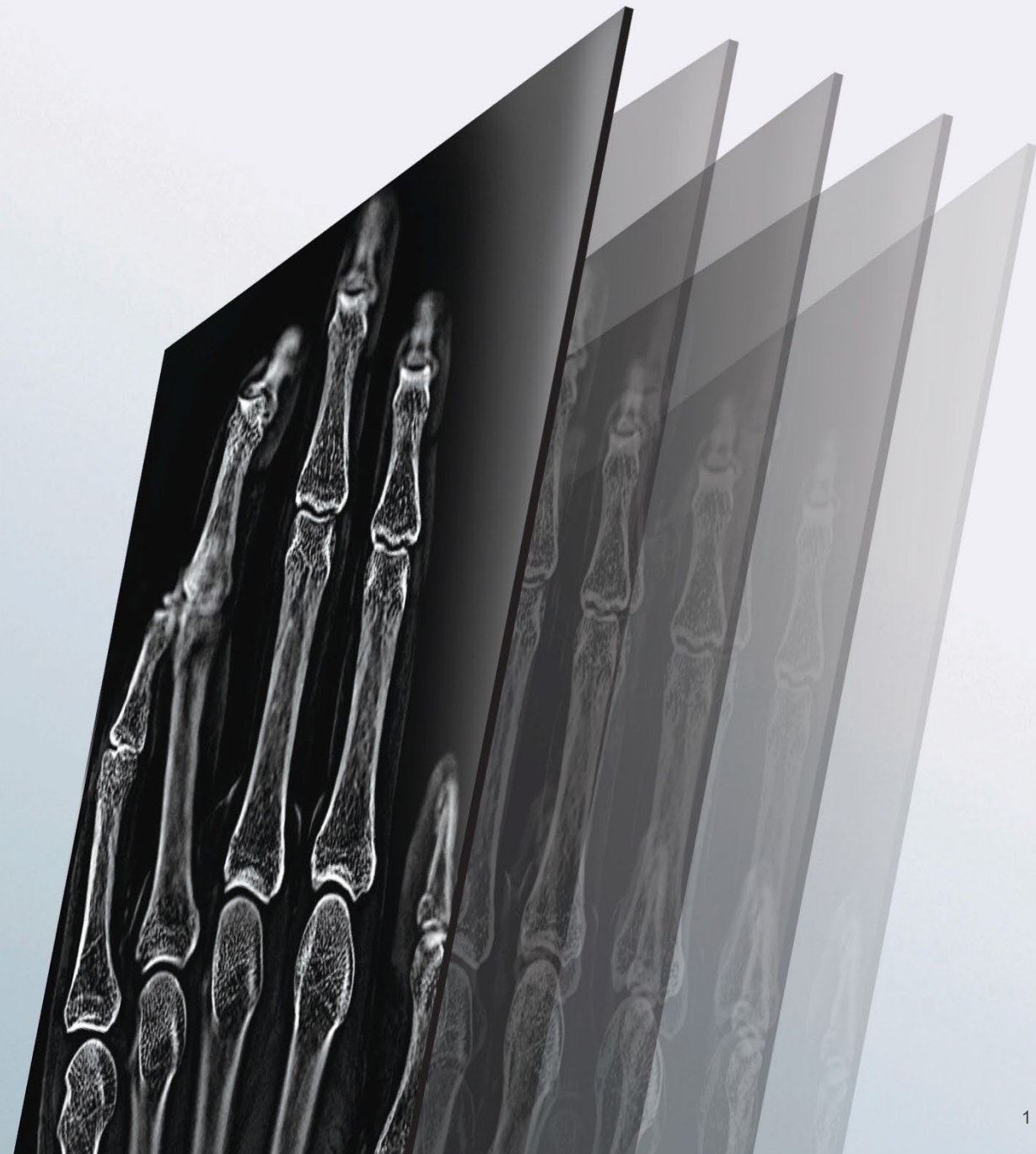




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Transforming Radiology

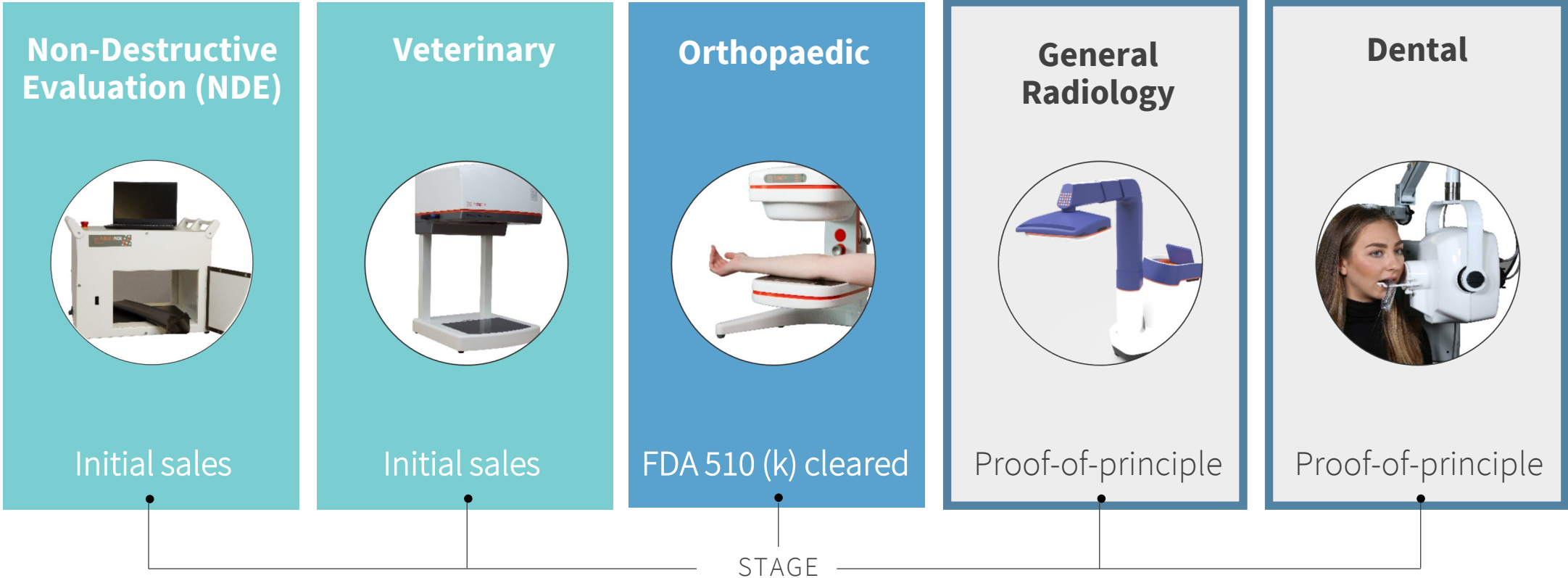


# Adaptix Update

- ✓ Stabilised company post-acquisition
- ✓ Refocussed business around 3 products: NDE, Vet, Ortho
- ✓ Changed business plan toward a capital sales model
- ✓ Commercialised Vet & NDE
- ✓ Received first orders on new purchase model
- ✓ Distributors in place
- ✓ Pilot production line being established in Scotland facility
- ✓ Successful BSI regulatory audit with zero findings
- ✓ US commercial entity established
- ✓ Strong industry feedback at Trade Shows (RSNA, LVS, BSAVA etc.)

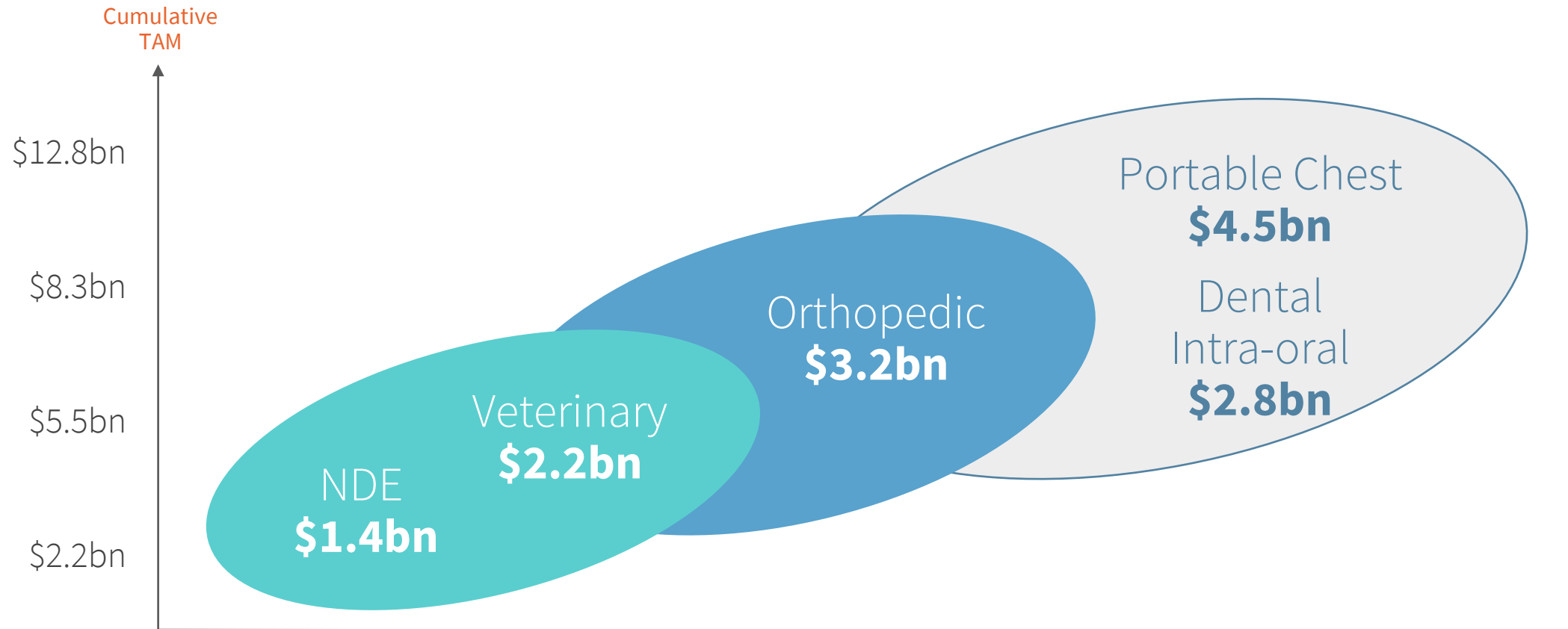
**Avingtrans provides stability and long-term support**

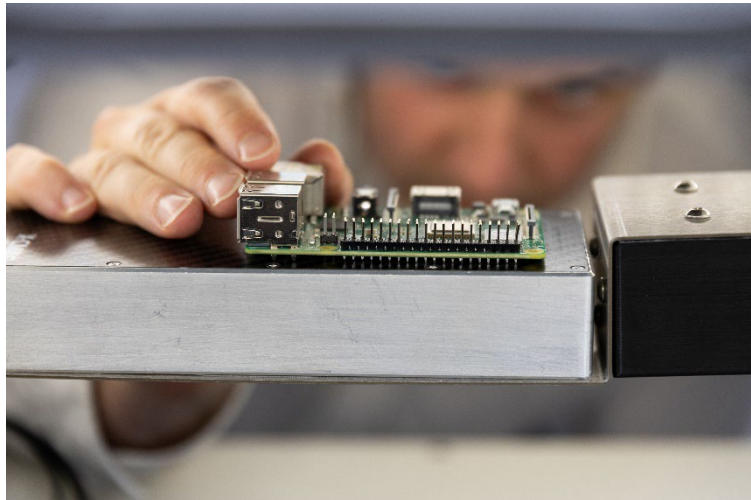
# Products and markets



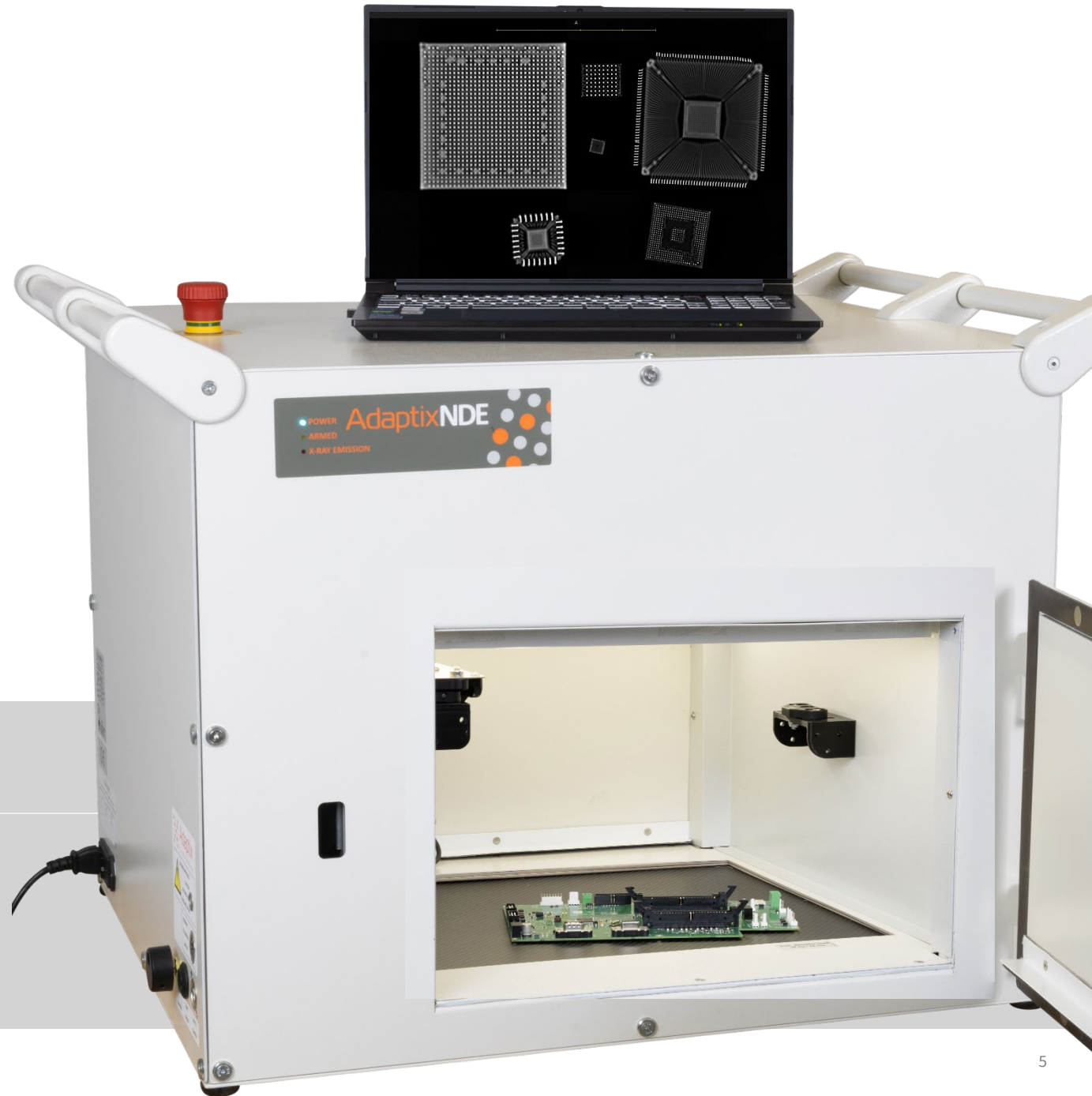
Allowing us to build a meaningful business

# Large Total Addressable Market





**NDE**





# The problem with **Current inspection**

- ✗ Unsuitable for Metal Additive Manufacture (MAM)
- ✗ Requires skilled inspectors, who are scarce
- ✗ Struggles with complex composites
- ✗ Huge cost, time and material waste from downstream, deficient inspection



## CT

- ✗ Expensive
- ✗ Too slow
- ✗ Can't fit many large parts



## Ultrasonics

- ✗ Can't inspect until part is complete
- ✗ Doesn't give a 3D internal picture
- ✗ Cumbersome. Part can only be inspected via a water medium



Introducing

# The AdaptixNDE Solution



## Fast

- ✓ Enabling in-line inspection of composites
- ✓ Uniquely inspecting metal additive parts at the rate of manufacture



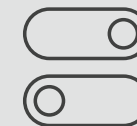
## Comprehensive

- ✓ Internal 3D visualisation
- ✓ Scalable from microelectronics to large aerospace components
- ✓ Digital Twin ready



## Economical

- ✓ Unique upstream manufacturing inspection saving >60% waste/energy/cost/time
- ✓ Half the price of traditional 3D X-ray



## Simple-to-operate

- ✓ Reducing prohibitive training requirements
- ✓ Enabling faster workflows and lower-cost labour

## Update NDE

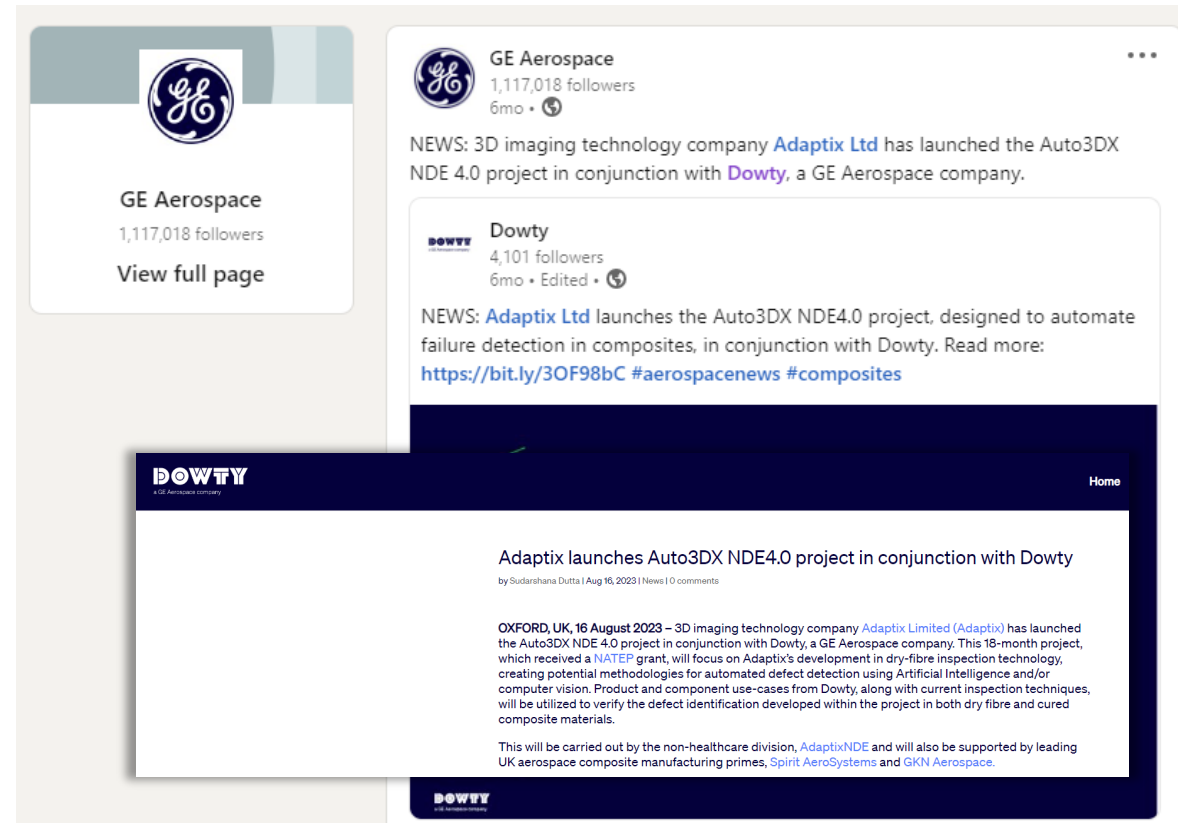
- ✓ Featured in the UK Government Advanced Manufacturing Plan
- ✓ Substantially progressed the products
  - Improved imaging capability
- ✓ Approved under HSE's new rules
- ✓ Repeat business from Aerospace sector
- ✓ Aerospace prime 'excited about Adaptix NDE'

## What our users say...

“ Azego TSLTD, a leading supplier of electronic components, are very pleased to express our satisfaction with the cutting-edge 3D X-ray scanner provided by Adaptix. We have been utilising their advanced technology to enhance our capabilities in the field of counterfeit detection in the electronic component industry, and the results have been nothing short of exceptional. ”

“ Working with Adaptix has shone a light on cross-industry inspection methods and the opportunities and benefits they can bring to aerospace. By leveraging the various product forms within Dowty's manufacturing cycle, we aim to understand defects earlier in our process and assist with developing the maturity of inspection method and analysis techniques at Adaptix to benefit the wider aerospace industry. ”

*J. Markey, Future Technology Engineering Project Manager - Dowty.*





**VET**



# The problem with current **Veterinary Imaging**



- × Limited space
- × Advanced training required
- × High level of expertise required
- × Time consuming (Intra-oral)
- × Extended workflows (with dental)

## 2D

- × Poor 2D images
- × Unnecessary referrals to CT (high dose) & MRI
- × Plates are bulky (DR)
- × Lack of mobility



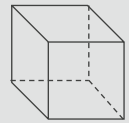
## CT

- × Expensive
- × High radiation dose
- × High infrastructure & maintenance costs
- × Not available in most 1<sup>st</sup> opinion practices.



Introducing the Adaptix

# 3D X-ray Small Animal



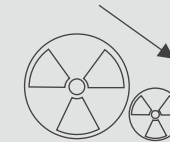
## 3D

- ✓ First-line diagnostics
- ✓ Superior image quality



## More revenue

- ✓ Lower total cost for vets and patients
- ✓ Reduces the need for referrals



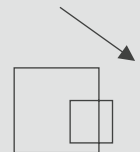
## Low dose

- ✓ Reduces dose to patient and clinicians



## Connected

- ✓ Bringing patient data in the hands of clinicians in real-time
- ✓ DICOM and PACS
- ✓ Accessible



## Small & easy to use

- ✓ Avoids space issues
- ✓ Compact
- ✓ Single phase electricity



## Update **VET**

- ✓ Major hardware upgrade to system
- ✓ Major software updates aiding useability
- ✓ First commercial sale under capital model
- ✓ Evaluation units at several major corporate veterinary groups
- ✓ Service and support function now established as part of commercialisation
- ✓ US Distributor now in place
  - Demonstration unit with Distributor
- ✓ Live demonstrations at major veterinary trade shows (LVS & BSAVA)



## What our users say...

“ I have only been using the Adaptix machine for two weeks but it has already exceeded my expectations. **The image quality is superb** and makes dental radiography in particular, so much easier and faster. **I suspect it will make my existing machines redundant** ”

Dr. Michael E. – UK Vet

“ We use the Adaptix 3D X-ray for all of our dental work. **The images are consistently good** so we save time as we never have to repeat the imaging procedure to get a good view. ”

Dr. M. Hess. – US Vet

“ This Adaptix system has been amazing! It is easy to use; **so much faster than intra-oral**. I take 3 views in 5 minutes, which is far more simple than the difficult intra-oral method. I would recommend this system for improved workflow, speed, resolution and **reduced sedation time**. ”

M. Gonzales, X-ray technologist – US

“ We’ve been using the Adaptix machine for 12 week. **The team adore it!** In orthopaedics it bridges the gap between the two modalities on 2D X-ray and CT. ”

Dr. P. E. – UK Vet

# ORTHO

## Adaptix Ortho350



The problem with Ortho

# Current imaging modalities

- ✗ Long & expensive installation
- ✗ Dedicated rooms
- ✗ High infrastructure & maintenance costs
- ✗ Requires intra-hospital transit which...
  - Creates cross-infection risk
  - Breaks clinical workflow
  - Creates clinical risk in unstable patients

## 2D

- ✗ Poor 2D images
- ✗ Unnecessary referrals to CT (high dose) & MRI
- ✗ High infrastructure & maintenance costs



## CT

- ✗ Expensive
- ✗ High radiation dose



## MRI

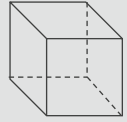
- ✗ Expensive
- ✗ Complicated helium safety ducting needed





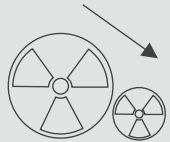


# Adaptix Ortho350



## 3D

- ✓ First-line diagnostics
- ✓ Superior image quality
- ✓ Improves diagnostic clarity



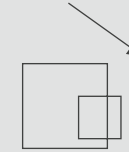
## Low dose

- ✓ Reduces dose to patient & clinicians
- ✓ No shielded room required
- ✓ Enables Point-of-Care diagnostics.



## Affordable

- ✓ Lower total cost of ownership
- ✓ Facilitates more widespread deployment



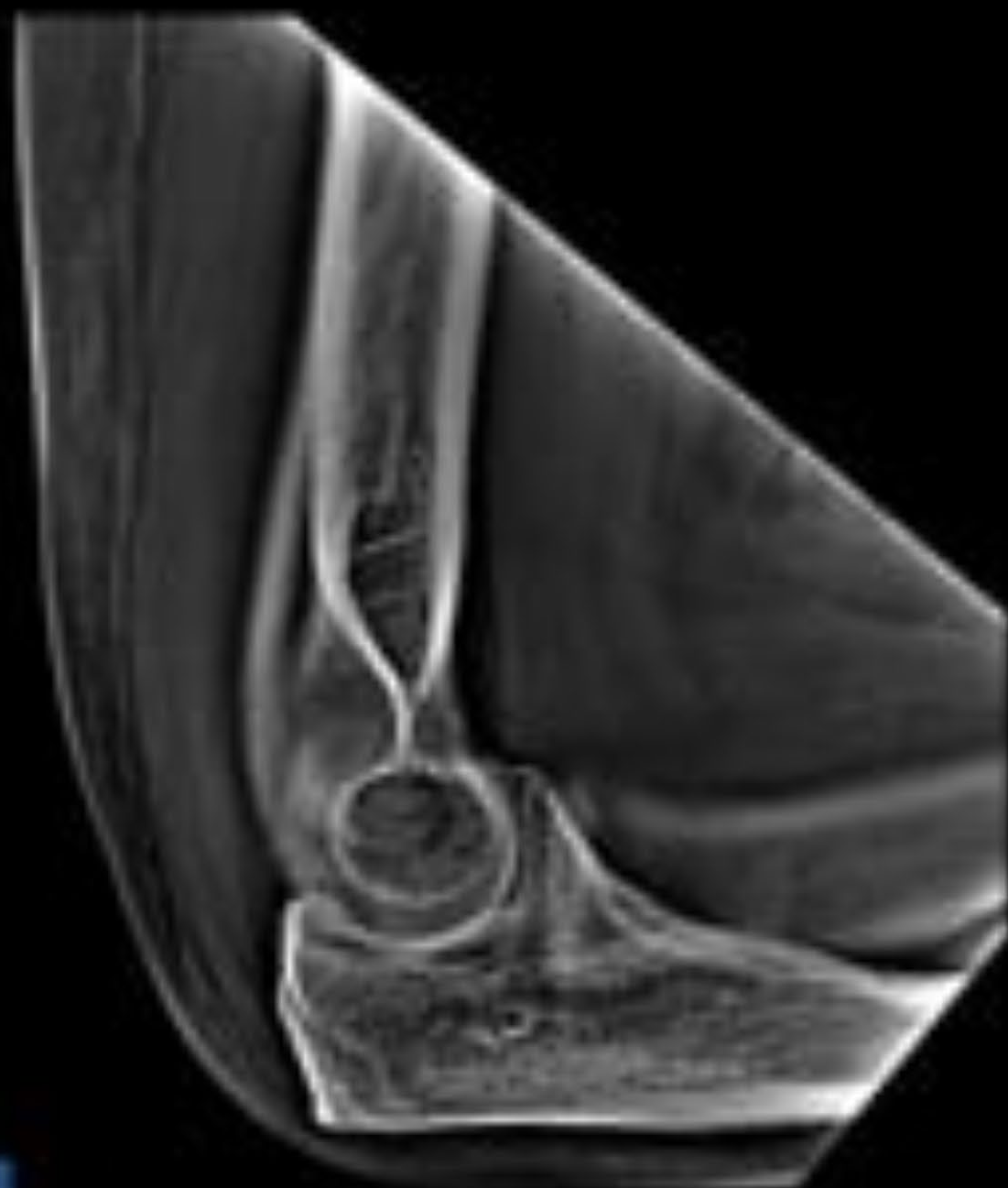
## Small & easy to use

- ✓ Portable
- ✓ Avoids space issues
- ✓ Point-of-care deployment
- ✓ Single phase electricity



## Connected

- ✓ Bringing patient data in the hands of clinicians in real-time
- ✓ DICOM and PACS
- ✓ Accessible



**Lateral Elbow**

Superior 3D Imaging

Update

# Ortho

- ✓ Pilot production line being established in Scotland facility
  - Robust supply chain (including fab.) progressing well
- ✓ Clinical testing underway
- ✓ Improvements to image quality
- ✓ Extension of scope to include knees and shoulders (in addition to hands, elbows and weight bearing feet)

 Adaptix Ortho350

## What potential users said ...

“ I wish all my clinics had one of these. ”

Radiologist serving communities in Alabama

“ I would have absolutely no hesitation in leaving no stone unturned in trying to get the system incorporated into my practice . ”

Professor of Rheumatology - Oxford

“ Really *extraordinary*. ”

CEO of major radiology company



# In summary

- ✓ Stability since Avingtrans purchase in Summer 2023
- ✓ Refocus on core goals now generating gains
- ✓ Significant progress made in commercialisation of Vet and NDE products
- ✓ Strong positive feedback from target market when demonstrating Ortho product.
- ✓ Good progress establishing manufacturing capability in "Silicon Glen" Scotland
- ✓ US market distribution agreement
- ✓ Service and support function established
- ✓ Solution focused products



*“ The image quality is superb... ”*

*“ ...bridges the gap between the two modalities of 2D X-ray and CT. ”*

*“ I would recommend this system for improved workflow, speed, resolution... ”*

*“ The team adore it! ”*



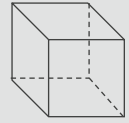


# Appendix

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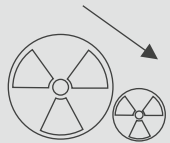


# Adaptix Ortho350



## 3D

- ✓ First-line diagnostics
- ✓ Superior image quality
- ✓ Improves diagnostic clarity



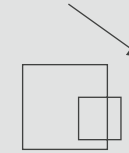
## Low dose

- ✓ Reduces dose to patient & clinicians
- ✓ No shielded room required
- ✓ Enables Point-of-Care diagnostics.



## Affordable

- ✓ Lower total cost of ownership
- ✓ Facilitates more widespread deployment



## Small & easy to use

- ✓ Portable
- ✓ Avoids space issues
- ✓ Point-of-care deployment
- ✓ Single phase electricity



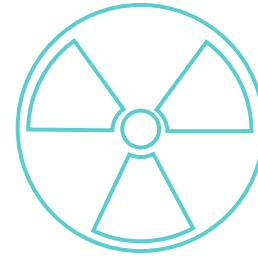
## Connected

- ✓ Bringing patient data in the hands of clinicians in real-time
- ✓ DICOM and PACS
- ✓ Accessible



# Transforming Radiology

## Low Dose



- ✓ Effective dose is similar to 1.5 -2 equivalent standard X-rays.
- ✓ Overall study dose can be less than the equivalent multi-view 2D study protocol
- ✓ No shielded room required.
- ✓ Can be used at the bedside or other point-of care.
- ✓ Normal protocols – simply stepping back



Effective dose

0.003 mSv (hand)

### Low dose

An Adaptix ortho system delivers an equivalent dose as a standard 2D x-ray system but delivers 30-50x image output

### Clinician zone

A few metres  
(as with a mobile 2D X-ray)

3D will transform radiology

~ annual radiation dose per person in the U.S. \*6.2 mSv.

# Transforming Radiology

## Affordable



**ACCESSIBLE**  
Desktop and mobile  
applications available

- ✓ No additional infrastructure required
- ✓ Driving down cost of 1<sup>st</sup> line diagnostic
- ✓ Facilitates more widespread deployment



# Transforming Radiology

## Small and easy to use



- ✓ Compact unit that is completely portable - Deploy anywhere there is power.
- ✓ Avoids space issues – with a small footprint and lightweight design, the Adaptix Ortho350 solution easily fits into small spaces.
- ✓ Designed with versatility in mind
- ✓ No need for complicated installations – runs off standard single-phase supply. Plug in and go.
- ✓ Easy to use – 30 minutes typical installation
- ✓ Acquisition and reconstruction time in <30 seconds
- ✓ Software – interface is similar to other imaging software – don't need to learn a new way...

 **SINGLE PHASE**  
Runs off standard\* power supply



**SMALL**  
Footprint: ~3 square feet

# Transforming Radiology **Connected**



**MOBILE**  
Putting patient data in your hands



**CONNECTED**  
Real-time results



**ACCESSIBLE**  
Desktop and mobile applications available



Adaptix is disrupting the imaging market

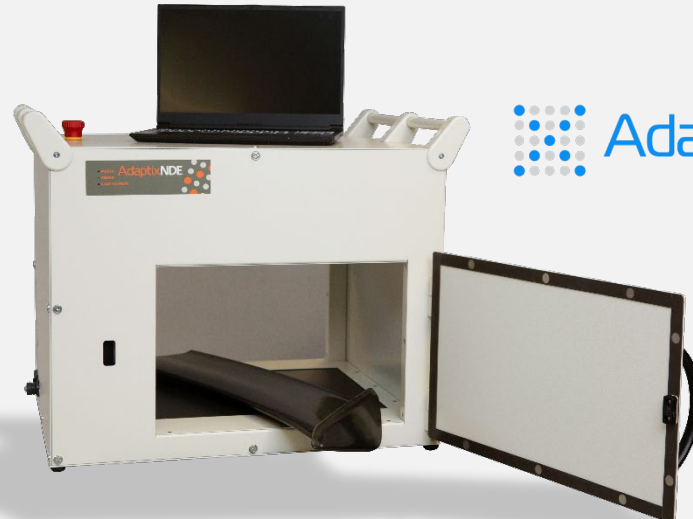
# Revolutionary



 Adaptix VetSA3D



 Adaptix NDE3D



 Adaptix Ortho350

