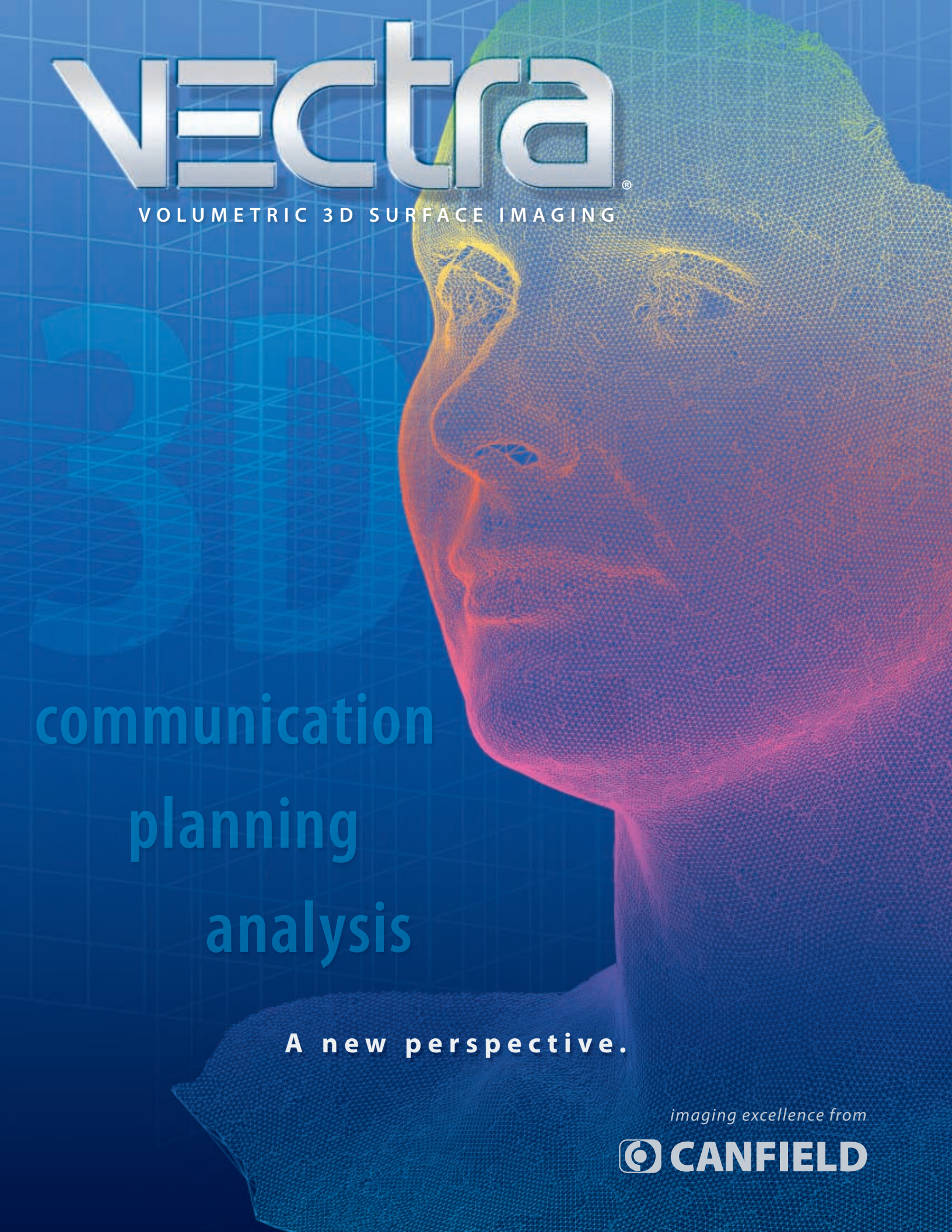

Vectra®
VOLUMETRIC 3D SURFACE IMAGING
communication
planning
analysis
A new perspective.
imaging excellence from
CANFIELD

the future of 3D has arrived . . .

*distinguish **your** practice*

with

VECTRA®

3D views improve surgical & treatment planning

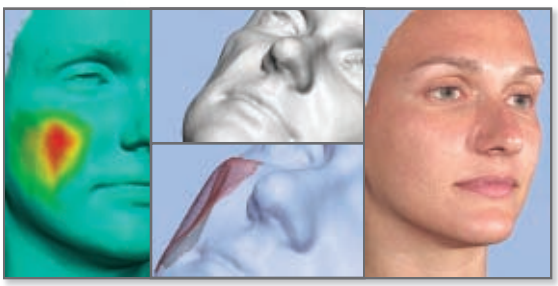
fast & accurate volume & surface measurements

more accurately develop orthotics & prostheses

precisely quantify treatment efficacy

deliver more meaningful patient communication

Bring the next dimension of medical imaging accuracy and ease to your practice with VECTRA 3D imaging from Canfield Imaging Systems, the leading developer of systems for aesthetic and clinical imaging.

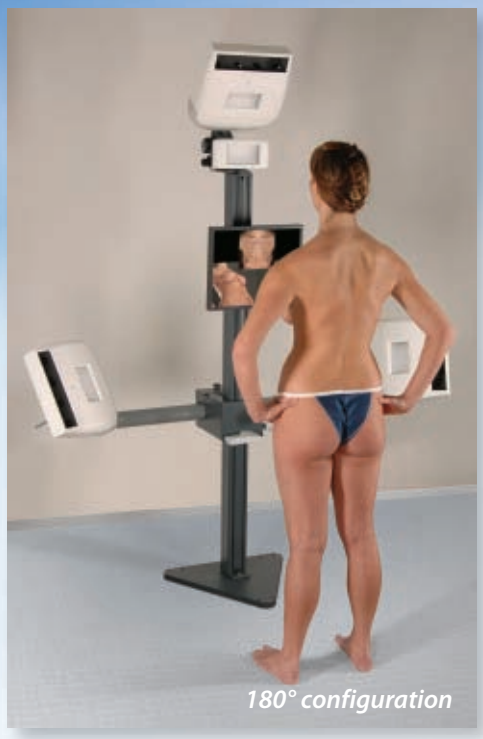


simulation of surgical outcomes

automated measurement tools

shape and dimension tools for custom implants and orthotic devices

CANFIELD Imaging Systems canfieldsci.com / phone (USA) 800.815.4330 / phone +1.973.276.0336 / fax +1.973.276.0339



1 shot — 360° rotation *Streamline patient photography with one-shot/multi-capture and continuous, rotatable views. Instantly capture full 360-degree data sets with the VECTRA 360° configuration.*

Capture views that would be completely impractical—or even impossible—with two-dimensional photography.

The most advanced 3D imaging technology available, VECTRA streamlines and optimizes patient communication by providing interactive tools unique to dimensional imaging. More accurately plan treatment and document outcomes with three-dimensional consultations, realistic outcome simulation, and quantitative analysis of the patient's anthropometric data.

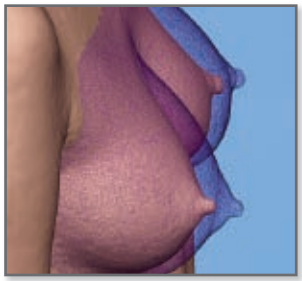
The persuasive capabilities of the VECTRA 3D system will deliver an efficient and effective imaging solution to your practice.

VECTRA 3D incorporates the powerful Mirror medical imaging software engine—the standard of excellence for medical and research imaging.

powered by Mirror®

fastest capture time

registration to CT data

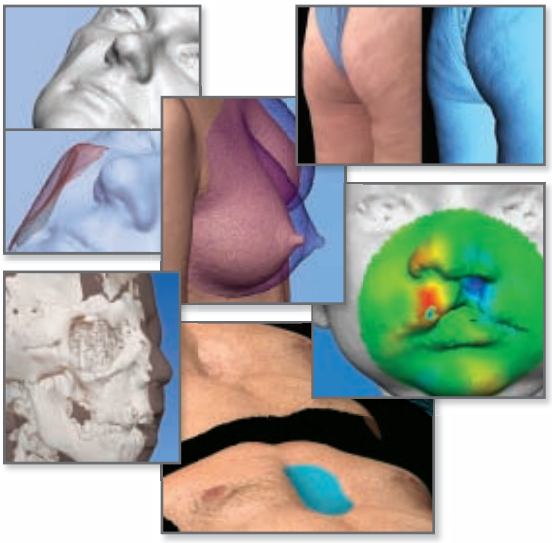


surface and volume calculations

detect and measure cellulite

3D imaging solutions for

- plastic and reconstructive surgery
- cosmetic medicine
- breast augmentation/reduction/reconstruction
- body contouring and post-bariatric surgery
- cleft lip/palate and craniofacial surgery
- orthodontic and orthognathic treatment
- orthotic/prosthetic development
- genetic research/medical anthropology



VECTRA-CR™ provides a versatile and portable 3D system for clinical research, with system configurations ranging from small-field imaging to 360-degree body imaging, or custom systems to accommodate larger fields, unique lighting requirements, or other individualized situations.

maximum versatility for research imaging

key features of the VECTRA 3D imaging system

rapid data acquisition *Capture time of less than 2 milliseconds makes the VECTRA system immune to subject movement and improves imaging accuracy and efficiency.*

quantitative evaluation *Accurately measure distance, area, volume, angle and symmetry for case assessment, surgery and treatment planning, and pre/post-op review.*

realistic outcome simulation tools *During patient consultations, several easy-to-use, interactive simulation software tools assist in communicating expected procedure outcomes.*

multiple fields-of-view *Unique multi-position camera modules provide ideal solutions for both wide- and medium-field imaging needs in a single system.*

visual analysis tools *Use flexible 3D point-of-view, wireframe and texture-free tools to visually and analytically compare surface, distance and volume changes between multiple time-points.*

advanced image data correlation *Register 3D models to CT, MRI or X-ray data to examine relationships between surface and bony structure, cartilaginous features and soft tissue.*

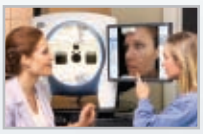
modular and adaptable *VECTRA's modular and flexible software and hardware systems are ideally suited to adapt to customized applications.*

scalable hardware solutions *Expand system capability up to 360°, with easy-to-add camera modules.*

Put the power of VECTRA imaging to work for your practice.

Canfield Scientific, Inc. is the global leader in photographic imaging systems, services and products for scientific research and healthcare applications. Driven by a quality-focused mission to provide best-in-class imaging solutions and services, Canfield has achieved an industry-wide reputation for excellence and innovation throughout its product lines, industry services and customer support.

MIRROR
IMAGING SOFTWARE



VISIA
FACIAL ANALYSIS

PHOTO SYSTEMS
HEALTH CARE & RESEARCH

VISIA-CR
CLINICAL RESEARCH

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