

 panoramic™

# encompass™

Digital Panoramic/Cephalometric Imaging System



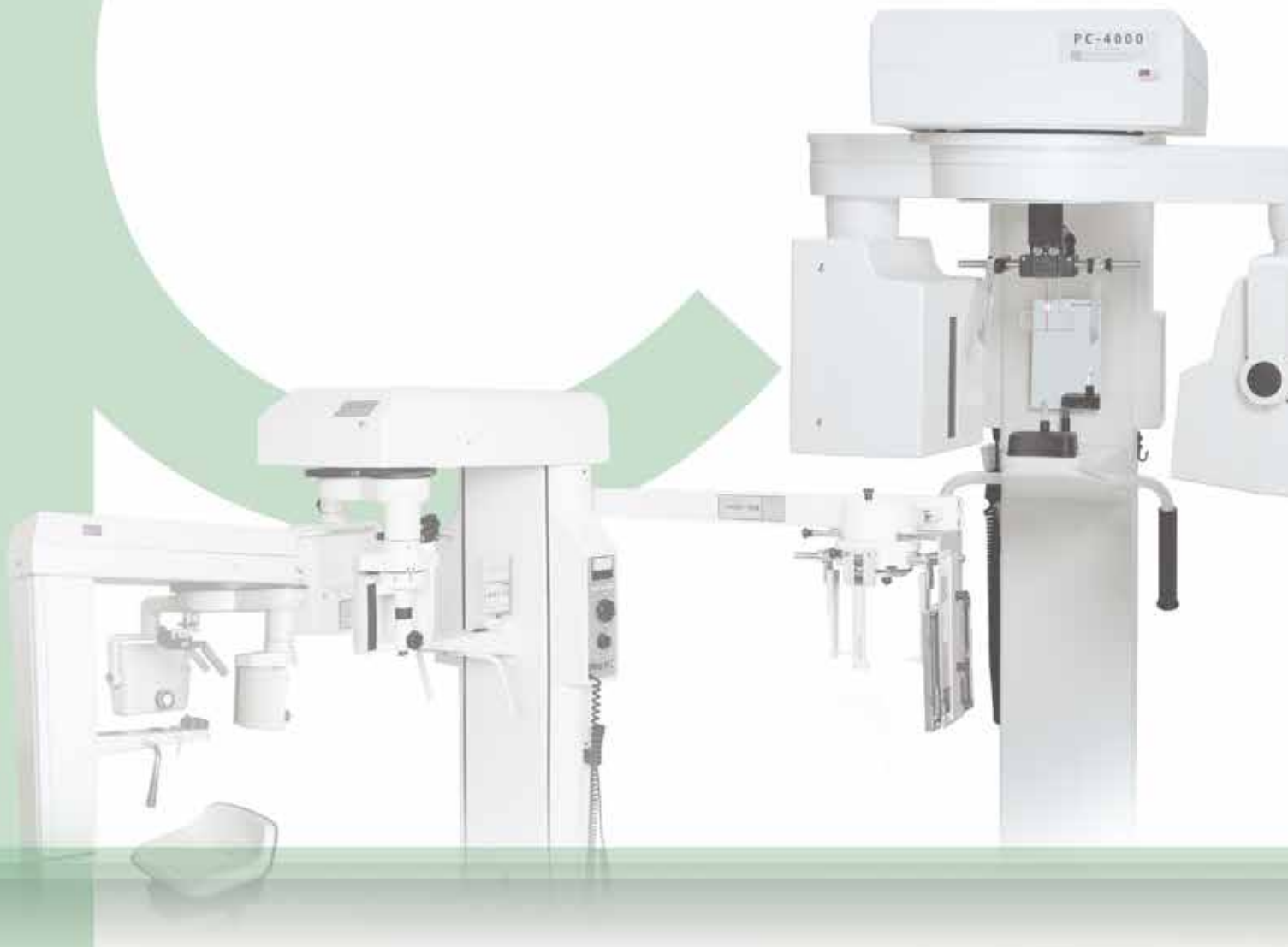
## Encompassing Our Tradition

Panoramic Corporation has a legendary history of delivering reliable equipment designed with intuitive operation, yielding exceptional, consistent imaging quality.

Foundational principles of quality, service and value guide our Company direction as we provide products and services that not only give clinician's the diagnostic capabilities they need but aid in the provision of extending encompassing care to the patients they serve.

It is our promise to embrace the heritage of our past with award-winning products like the PC-1000, PC-4000 and now the next generation of imaging legacy, the Encompass. Yet, while creating a customer experience for the future in which dental practitioners can trust.

*“It is our promise to embrace the heritage of our past with award-winning products like the PC-1000, PC-4000 and now the next generation of imaging legacy, the Encompass.”*



As Panoramic Corporation celebrates twenty five years of imaging legacy, both familiar and innovative combine to form an all-new extraoral X-ray machine, the Panoramic Encompass.

Sleek aesthetics and pioneering digital technology produce capabilities to easily capture radiographic images with brilliant clarity, achieved through simplistic steps designed to ease staff operation with patient care in mind.

Let Encompass guide your direction for panoramic, cephalometric, & TMJ imaging needs for today, while providing a path to 3D upgrade capabilities in the future.





## Encompassing Technology

*Patient comfort and confidence is vital in capturing optimal quality throughout an X-ray scan. Encompass achieves this through side entry access with face-to-face orientation, allowing clinical staff the ability to easily guide patients throughout the positioning and capture process.*

*Encompass also features tools such as Carbon Fiber Temple Supports, Multi-Point Laser Alignment, and a Stationary Bite Block to easily direct patients for perfect posture and position in every type of radiographic exam from panoramic & TMJ, to cephalometric.*



### MACHINE TECHNOLOGY

Growing demand for clinical procedures, such as implants or orthodontics, along with emerging needs in general diagnosis and treatment planning, places panoramic & cephalometric radiography at the forefront of contemporary oral health care.

Encompass embodies a solution for these clinical necessities by offering a variety of features to enhance flexibility for various patient characteristics and diagnostic imaging requirements.

With advanced design engineering, Encompass features

an intricate network of mechanics and software combined to form a multi-axis rotation system, two orthogonal directions and one rotational, to greatly enhance the collection of a variety of imaging profiles.



“When quality, intuitive operation, and unparalleled image capabilities converge, what results is a solution that improves the clinical and patient experience.”

### SENSOR TECHNOLOGY

Today, digital imaging technology offers dental practitioners unique opportunities to quickly and effectively gather diagnostic data for clinical treatment and case acceptance.

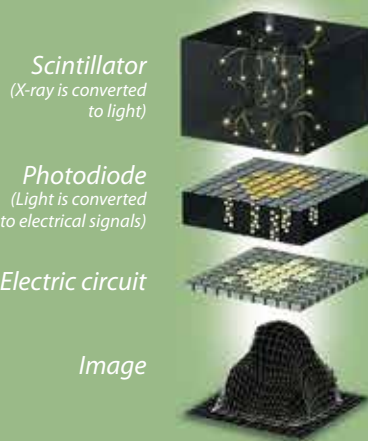
Panoramic has achieved this digital recipe through a sensor construction, employing the advanced material known as Cadmium Telluride (CdTe). Although the science is complex, clarity and contrast are simple to see when compared to other digital technologies.

This breakthrough in radiographic data collection also affords the opportunity for enhancing initial image capture.

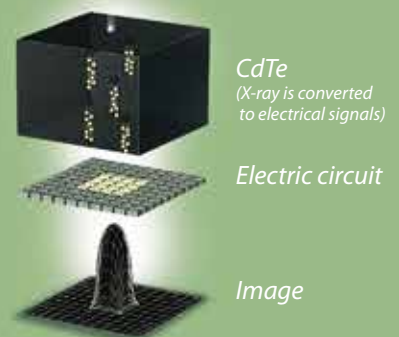
Our cutting edge CdTe technology takes in 300 dimensional frames of digital data per second and sends them directly to your computer. Images gathered reflect amazing clarity, sharpness and depth with less spinal column shadow than film. With patient care in mind, the Cadmium Telluride sensor is

also incredibly efficient in the intelligent compilation of what the X-ray generator exposes. What results is a sensor that gathers approximately 90% of radiation emitted, maximizing data collection and optimizing image quality.

#### Conventional CCD/CMOS



#### Panoramic CdTe



With Panoramc CdTe technology X-rays are not converted to light therefore no blurring occurs, increasing clarity and contrast.





▲ Standard Cephalometric



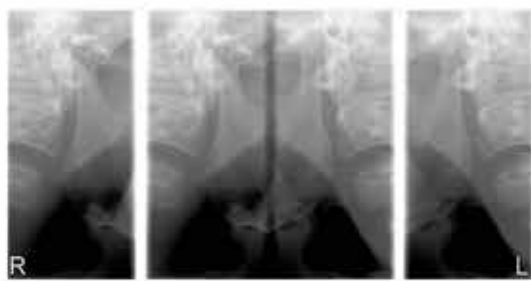
Pediatric



Improved Orthogonal



Sinus



TMJ



Low Dosage



Bitewing

## Encompassing Imaging Programs

*Designed with patient care in mind, Encompass has a variety of programs to allow you the exact image that you need without extra radiation exposure to the patient. Multiple program settings are easy to view and select on the user-friendly control pad.*

Simply select the desired setting along with the proper dosage, and watch as your image instantly appears on the computer system. Patients can be comforted as the machine quickly scans with the lowest amount of radiation needed for their treatment.

The anatomically specific programming coupled with the state-of-the-art CdTe sensor design will optimize any image setting to provide a highly detailed, crisp and diagnostic image.



### Extraoral Bitewing Capability

Encompass comes equipped with extraoral bitewing capability.



Standard Panoramic ▲

# Encompassing Connectivity

## INTEGRATION

Each dental practice is unique. The Encompass panoramic and cephalometric X-ray unit incorporates the latest technology with a digital package that is built upon flexibility, integration, and value to meet the evolving needs of your office.

A Dell® Computer System is provided with the Encompass to ensure you are getting a digital package that works with your office. Whether you are converting your imaging to digital or have an entirely paperless practice, our Dell® computer is perfectly paired with Encompass to optimize the speed and efficiency of the imaging software. An ultra-sharp, high resolution monitor is also included for easy viewing and patient consultation.

Panoramic digital technology uses TWAIN interface communication that allows Encompass seamless connectivity to existing practice or imaging software.

Advanced features on the Encompass adapt to your patients' needs while adjoining essential radiography tools to fit within your practice.

## SOFTWARE

Encompass includes user-friendly software that is intuitive and easy for your staff to use. Visual aids such as a green light for "go" and a large "save" button assist with the most commonly used actions, while pre-programmed image functions can provide multiple enhancements with only one click.

Instant image acquisition means there is no reconstruction time needed. And a large panoramic capture provides exceptional views of the entire oral cavity without cutting off the mandible or sinus regions.

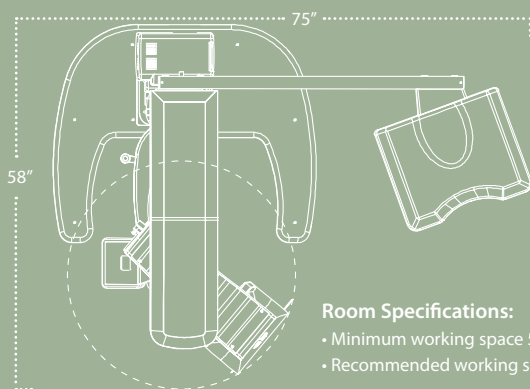
Featuring an industry exclusive spinal shadow reduction tool, Encompass allows for clear views of the anterior region without the spinal column shadow via one click access.

Magnification and highlight features provide instant image enrichment for patient consultation or treatment viewing. Additional filters such as colorization, invert, sharpness, and contrast can also be applied for enhanced diagnostic assessment.

*“Simple integration allows instantaneous access to patient images within your existing practice software.”*

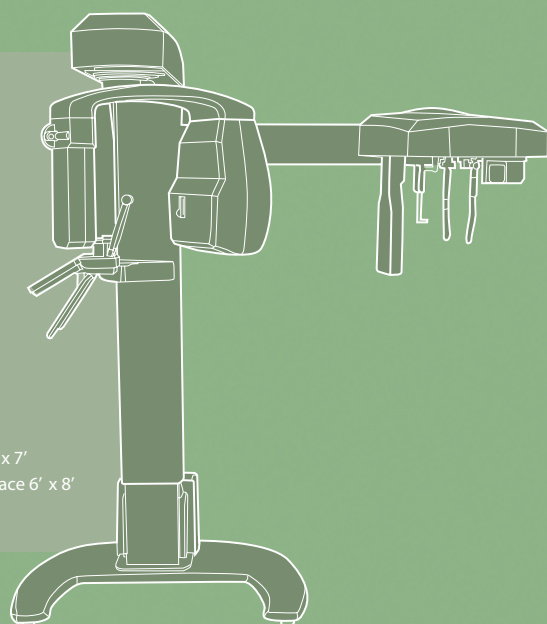
## TECHNICAL SPECIFICATIONS

- 110 VAC, 60 Hz
- Available with or without pedestal base
- Dell Computer provided with software for compatibility
- Positioning Aid: Multi-Laser Alignment
- Sensor: High Efficiency Cadmium Telluride (CdTe)
- Windows 7™ and Windows XP™ compatible

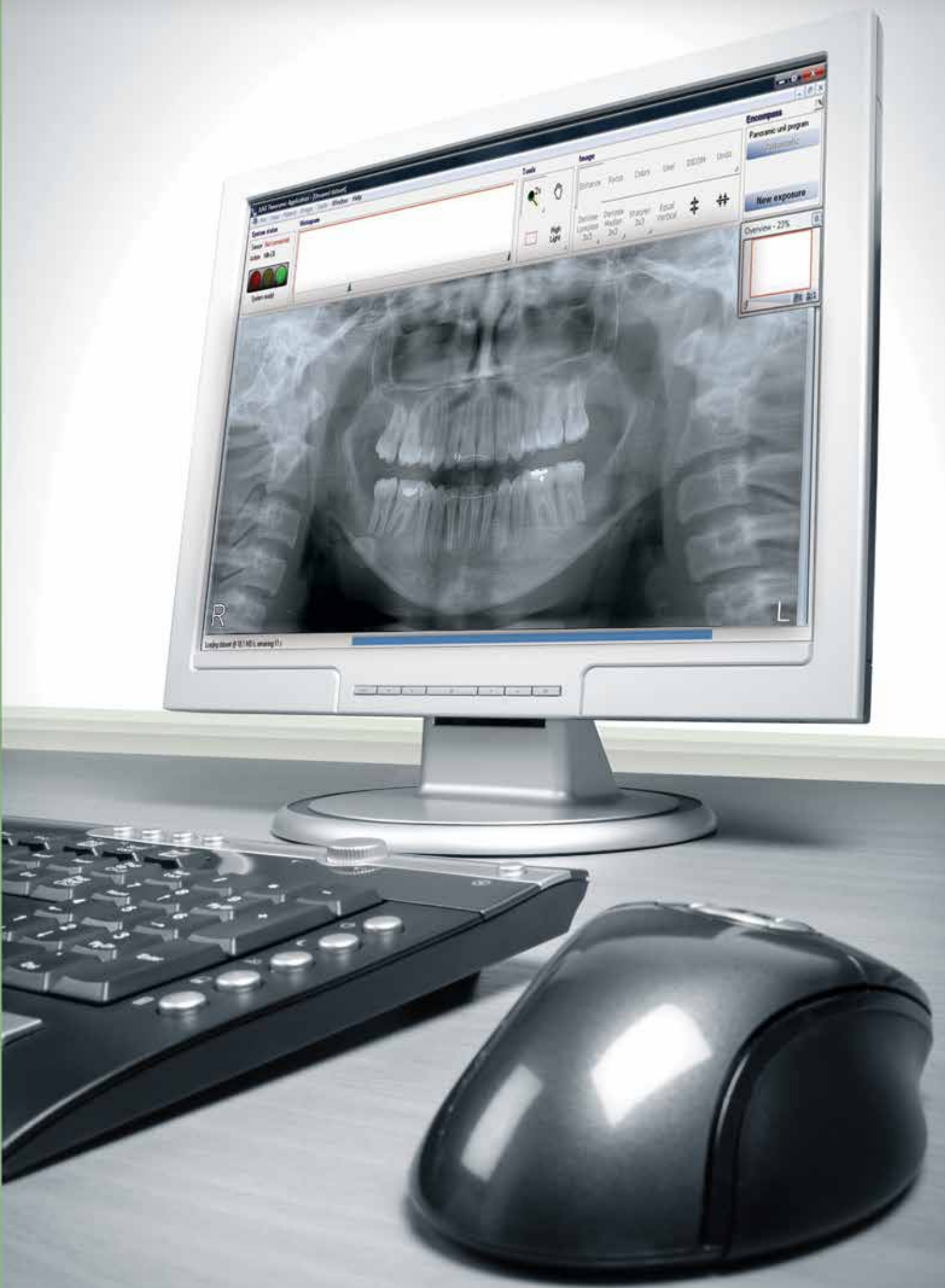


### Room Specifications:

- Minimum working space 5' x 7'
- Recommended working space 6' x 8'









## **Panoramic Platinum™ Care Package**

### Encompassing Care Package

*With the purchase of any Digital Imaging System from Panoramic, our customers have access to one of the most comprehensive support and service packages in the industry. We call it the Platinum Care Package.*

*Backed by years of trust and experience, Panoramic stands alone in its commitment to providing you with years of worry-free maintenance and service. Based on valuable feedback from our customers, we have developed our Platinum Care Package to encompass all the valuable support options that you need, when you need them most.*



#### **Live Phone Support**

Available from 8am-6pm EST, Panoramic's Inside Support team, located in Fort Wayne, Indiana is available to extend live service support. Whether you have questions regarding user operation, patient positioning techniques, software support or basic troubleshooting, we are available to provide live, real-time support without the frustration of automated menus or elongated wait times.



#### **Live Web Support**

Utilizing remote access software, Certified Digital Support Technicians "arrive" in your office in a matter of moments to immediately offer troubleshooting tips and solutions to commonly asked questions.



#### **Local Technicians**

Equipped with installation and service experience, Panoramic local technicians offer personal attention to assist with equipment questions, challenges and preventative maintenance services.



#### **Software Upgrades**

Panoramic includes image acquisition software upgrades to ensure continued compatibility and access to the latest operational versions.



#### **Live Chat**

Have questions about your Panoramic equipment or need additional assistance with patient positioning? Visit [pancorp.com](http://pancorp.com) and click on Live Chat to connect directly with our Support Team eager to assist you!



#### **Focused Product Expertise**

Celebrating 25 years of products and services, Panoramic continues to focus exclusively on extraoral radiography for dental practitioners. This expertise offers unique insights and attention to detail, giving the dental community a comprehensive resource for panoramic and cephalometric needs.



#### **User Support Videos**

Proper patient positioning is one of the most popular topics for office staff who use our equipment every day and it is important to have access to tools that make this process simple and easy. User videos on [pancorp.com](http://pancorp.com) are a great visual to train and refresh your team on the easy steps to achieve exceptional panoramic images!





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