

# DIGITAL DENTAL IMAGING SYSTEMS

## Upgrading the X-ray

Dental Digital Imaging (DDI) systems utilize digital sensors in place of traditional film, providing improved diagnostic accuracy and enhanced treatment planning. While digital radiography (also known as digital x-rays) is the most widely recognized DDI service, a DDI system can also include several specialty digital services, including:

- ◆ Cone beam computed tomography – captures three-dimensional images used for precise diagnosis and treatment planning
- ◆ Intraoral photography – provides detailed images of individual teeth and soft tissues in the mouth
- ◆ Digital impressions – uses a digital scanner to create digital models for the fabrication of dental appliances such as dentures, crowns, and bridges

Dental DDI systems deliver higher-quality images in a fraction of the time required to develop traditional dental x-rays. Digital images can then be easily manipulated, allowing for better visualization of small details and specific areas of interest. DDI systems can easily be integrated with computer-aided detection and diagnosis software, aiding in the interpretation of images. These advantages enable providers to detect dental problems at an early stage, leading to less invasive and more effective treatment options.

Utilizing digital sensors significantly reduces radiation exposure and eliminates the need for chemical developers, resulting in a safer x-ray process for patients, providers, and the environment. Digital images are easier to store, retrieve, and transmit than traditional x-rays, making digital images an ideal format for servicemembers' Electronic Health Records (EHRs). Long-term cost savings from conversion to digital systems are realized from reduced storage costs, elimination of chemical developers, faster processing times, and improved treatment planning.

BEAT, LLC provides complete DDI system installation solutions, including all applicable hardware, software, and warranties, as well as associated project and installation plans. BEAT also trains providers on the DDI software application, proper intra-oral sensor placement techniques, and the operation of the digital units. Since 2015, BEAT has been the leader in the implementation of DDI systems across the entire Department of Defense (DoD), providing dental imaging services for the US Army, Navy, Air Force, and Coast Guard. We have provided shipboard installs for multiple Navy ships, including the USS Ronald Reagan, USS Boxer, and USS Bataan. Planet DDS recognizes BEAT as the only authorized installer of its Apteryx software, the chosen imaging solution of the US Army and the US Navy. BEAT is proud to deliver solutions that provide more efficient and effective dental care to our service members and their families, no matter where their duties take them.



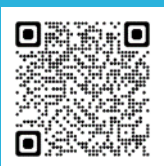
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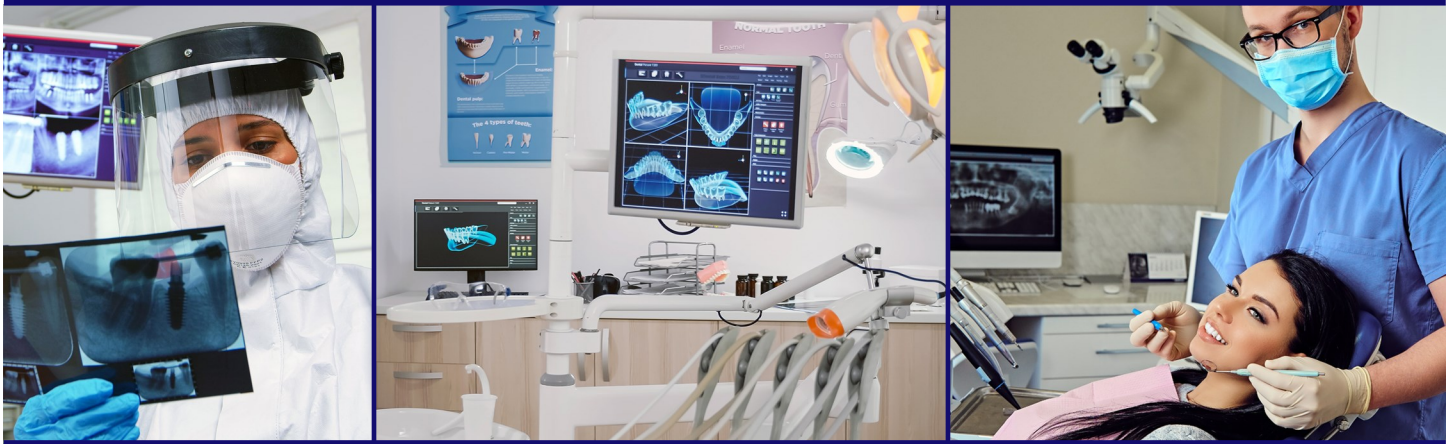


**CMMI DEV/3**



**LEAD ♦ INNOVATE ♦ DELIVER**

# DENTAL IMAGING SUPPORT SERVICES



## Technology Partners

BEAT LLC is a partner and authorized installer of Planet DDS's Aptyx Imaging software, the dental imaging software supplier for the US Army, Navy, Marine Corps, and Coast Guard. Our team brings experience with a variety of dental imaging technologies, including:



## Services Provided

- ◆ Configuration Management
- ◆ Project Planning
- ◆ Training
- ◆ System Configuration and Installation
- ◆ Help Desk Services
- ◆ DICOM System Administration
- ◆ Warranty and Maintenance

## Employee Spotlight

Patrick Holley, PMP

An expert in the field of digital dental imaging (DDI), Mr. Holley has 14+ years of direct work experience with DDI systems, including installations, configuration, training, and troubleshooting. His extensive experience also includes managing a tech support team, development planning, onboarding, and interfacing with customers as well as performing quality assurance (QA). Having previously managed BEAT's Navy and Coast Guard DDI efforts, Mr. Holley currently serves as BEAT's Deputy Program Manager for the U.S. Army Dental Command's Information Systems Center/ Corporate Dental Systems contract, where he oversees imaging, information assurance, QA, network operations, and enterprise support.

## Delivery Experience

- 1) Corporate Dental Systems, US Army Dental Information Systems Center - provides dental imaging services for all Army dental clinics across the enterprise. HT0011-22-C-0019; Period of Performance (PoP): 7/25/2022 -3/7/2027, Total Contract Value (TCV): \$46.6M
- 2) Dental Digital Imaging System Integration and Maintenance, Naval Medical Logistics Command - provides dental imaging services for all Navy dental clinics across the enterprise. N62645-18-D-5060; PoP: 9/07/2018 – 9/27/2023; TCV: \$11.6M
- 3) Dental Imaging Collaboration Environment (DICE) Support, Air Force Medical Operations Agency (AFMOA), Dental Directorate (SGD) - provides dental imaging services for all Air Force dental clinics across the enterprise. GS-06F-1083Z/47QFLA-19-F-0021; PoP: 2/28/2019 – 2/27/2024; TCV: \$12M
- 4) DICE Tier II Help Desk Support, Air Force Medical Readiness Agency; HT0015-21-C-5007; PoP: 9/1/2021-9/28/2025; TCV: \$673K
- 5) Dental Digital Imaging Systems, US Coast Guard Training Center Petaluma; 70Z023-22-P-9333; PoP: 8/17/2022-3/31/2023; TCV: \$102K
- 6) Additional multiple contract awards for DDI installation, training, and maintenance on naval vessels including USS Bataan, USS Frank Cable, USS Boxer, USS Essex, USS John P. Murtha, and USS Ronald Reagan.