

Wolverson X-Ray

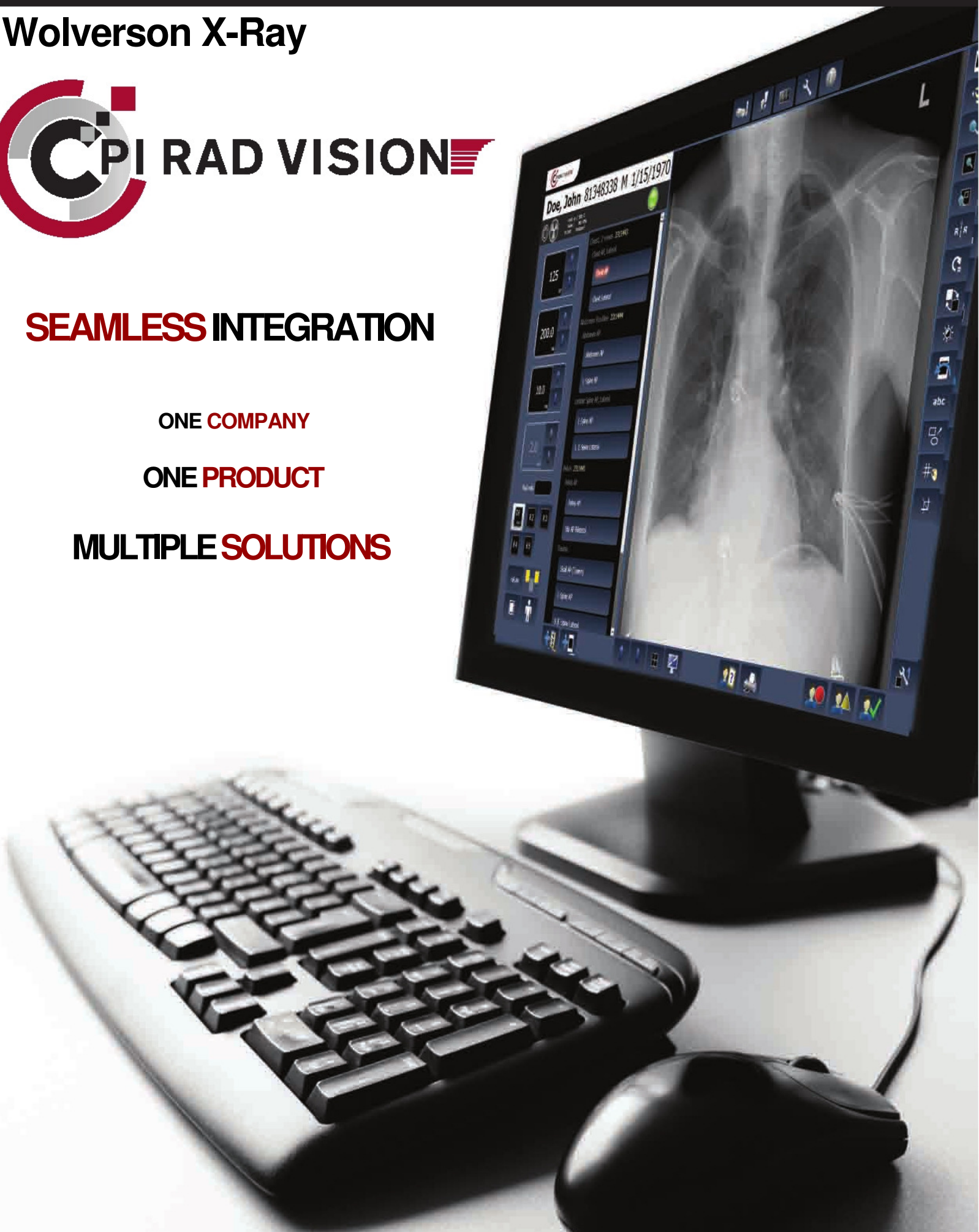


SEAMLESS INTEGRATION

ONE COMPANY

ONE PRODUCT

MULTIPLE SOLUTIONS



Wolverson X-Ray



SEAMLESS INTEGRATION

ONE COMPANY - ONE PRODUCT - MULTIPLE SOLUTIONS



Grid: / SID: 0
Tube: 1 HU: 00%
DAP: 0mGycm²



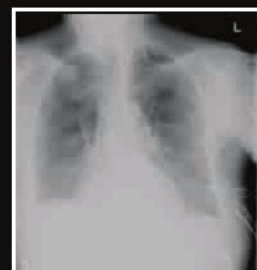
Introduction

As leaders in X-Ray Generator Technology we are utilizing over two decades of integration expertise in bringing you the next step in our evolution.

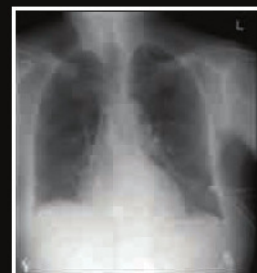
From the company with a proven commitment to exceptional reliability and support that gave you "X-Ray Generators of Choice" and "Integrated Solutions" we now want to introduce you to **CPI RAD VISION™**, the first of a line of fully integrated Static and Dynamic Digital Imaging solutions.

The medical technology landscape is ever changing and with this comes a need to provide our customers with better and more efficient solutions which are innovative and competitive.

CPI RAD VISION™ seamlessly integrates state of the art flat panel static digital imaging with CPI's class leading X-Ray Generator Technology. Image Quality, Acquisition Speed, Advanced Applications, Clinical Utilization and overall Workflow Productivity are all key benefits of **CPI RAD VISION™**.



Raw Image



Filtered Image



Enhanced Image

125
kv

250.0
mA

8.0
ms

2.0
mAs

Post mAs

DR 43x43 R2 R3

R4 R5

mA,ms

Grid icon Patient icon





BENEFITS OF CPI RAD VISION™

IMAGE QUALITY

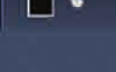
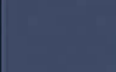
- Achieved by Advanced Multi-Scalar Image Enhancement Software
- Advanced Image Processing Tuning for Bone, Soft Tissue and Organs
- Advanced Image Processing Test Tools such as Noise Reduction, Edge Enhancement and Gamma Correction
- Application of Automatic Electronic Shuttering

ADVANCED APPLICATIONS

- Intuitive Graphical User Interface (GUI): Enables logically sequenced access to all system features promoting efficient workflow
- Customized APR Protocol Selector and Editor
- Multiple Dose Monitoring features such as DAP, Deviation Index and Exposure Index
- Centralized Message Error Log for all three components of the Imaging System
- Standard Geometric Tools: Image Zoom, Image Pan, Image Polarity Invert, Image Rotate
- Full Range Brightness, Contrast and Sharpness Tools: Window/Level, Advanced Image Enhancement, Image Reprocessing
- Comprehensive Measurement and Annotation Tools
- Image Export Features: Networking of images to PACS, CD/DVD or Printer

CLINICAL UTILIZATION

- Compatibility to a range of Clinical Settings from a small Clinic to a high Volume Hospital (RIS and Non RIS, PACS and Non PACS work settings)
- Synchronized APR settings between Digital Imaging System and Generator for intuitive and efficient single console control
- Pentium Class Computer: Windows OS, High-speed CPU, X-ray Generator Interface, Image Receptor Interface and Network Communications Port with supported DICOM devices
- Built-in Set Up and Diagnostic Utilities simplifying service activities
- Bigger Screen Real-estate: Single Wide Screen Monitor Display: 22" LCD Color Monitor
- 1680 x 1050 Pixel Resolution
- DICOM 3.0 Network Interface: Enables communication to RIS and PACS for Work-list, Print and Archive
- Medically Graded Line Isolation Transformer
- Keyboard (USB)
- Mouse



BENEFITS OF CPI RAD

VISION™

ACQUISITION SPEED

- Governed by The Image Enhancement Software & The Panel Software
- Image is displayed in 4 seconds

LOWEST COMPETITIVE COST OF OWNERSHIP & SERVICEABILITY

- One company manages the customer service for all three components of the **CPI RAD VISION™** product
- A Centralized Error Log Software feature manages all Error Messages derived from the X-Ray Generator, the Panel and the Imaging System.
- Expert and Reliable Global Onsite Service Support
- 24-hour Customer Service
- 12-month Standard Warranty
- Extended Warranty packages available

X-RAY GENERATOR COMPATIBILITY

- Exclusive Plug and Play with: CMP 200®DR and Indico 100® Series

OPTIONAL FEATURES

- Image Stitching
- Expanded Storage Capacity
- Power Back-up
- Storage Commitment
- Reject Analysis
- Touch-screen
- MPPS

DESIGN STANDARDS / SPECIFICATIONS

CDRH 21 CFR title 21 subchapter J
Radiation emitting Devices Act (Canada), Ch. 34
Canadian Medical Device Regulation Sections 10-23
EC Directive 93/42 EEC concerning Medical Devices
UL, CSA, and CE marked
DICOM Standards
IHE Technical Framework, Revision 8.0



CPI X-RAY GENERATOR SERIES

The integration of **CPI RAD VISION™** with our "X-Ray Generators of Choice" provides exclusive plug and play compatibility with guaranteed industry leading performance.

BOTH X-RAY GENERATOR SERIES OFFER

- CPI's proven 200 kHz+ inverter technology and software architecture
- Low kV ripple - maximizes image quality by providing constant potential performance
- Embedded GenWare® Service Software allows set-up efficiency and system diagnostics from the imaging system console.

Optimized for Digital Radiography the **CMP 200@DR Series X-Ray Generator** is the **NEWEST** member of our "X-Ray Generators of Choice" family.

- Small
- Compact
- Lightweight
- Cost Effective

FOUR different models to choose from: 40 kW | 50 kW | 65 kW | 80 kW

Indico 100@ Series X-Ray Generator has the capability to drive every major conventional/digital imaging system on the market today.

- Feature Rich
- Highly Adaptable
- Cost Effective

SIX different models to choose from: 32 kW | 40 kW | 50 kW | 65 kW | 80 kW | 100 kW

FLAT PANEL DETECTOR

CPI RAD VISION™ is designed to be Adaptable and Upgradable to multiple Panels and any next X-Ray Generation Panel Technology. **(Consult factory for other interface availability)**

CPI RAD VISION™ PANEL INTERFACES

- Varian PaxScan® 4343R Digital Radiography X-Ray Detector
- Varian PaxScan® 4336R Portable Radiography X-Ray Detector
(Consult factory for other interface availability)

CPI RAD VISION™ PANEL FEATURES

- Choice of Two Conversion Screens: Cesium Iodide OR Gadolinium Oxide
- Flat Panel Sensor and Processor Software
- Dual Panel Configuration (Consult factory for availability)
- Universal Multi-output Power Supply
- Digital Data Conversion with 16,000 grayscales
- 9 million Pixel Resolution gives Optimal Image Definition and Distortion Free Images

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