Villa Sistemi Medicali SpA is one of the largest Italian, and one of the most important companies in the world, active in the production of medical and dental radiological equipment. Founded in 1958, Villa Sistemi Medicali designs and manufactures its products at its Buccinasco plant near Milan, offering a complete radiological imaging product portfolio:

- Analogue and digital radio-fluoroscopy systems
- Analogue and digital general radiography systems
- Mobile and operating room X-ray units
- Analogue and digital mammography
- Fixed and portable digital receptors
- Dental x-ray systems: intra-oral, panoramic and 3D
- Intraoral digital sensors and scanners for phosphor plates
The experience and skills we have gained in over half a century, both in the dental and medical fields, are the main factors in Villa Sistemi Medicali’s success in the international diagnostic radiology equipment market, which has enabled us to consistently meet the needs and expectations of the industry. Traditionally, Villa Sistemi Medicali has based its success on setting up close partnerships with several leading companies in the market, with a constant commitment to developing new projects and exchanging know-how and products. By working together with numerous partners, and setting up an extensive sales network, Villa Sistemi Medicali has consolidated its presence in over 100 countries worldwide, becoming one of the main players in the diagnostic radiology field.
**versatility and compactness**

The remote-controlled *Apollo EZ* is a compact economical solution that can meet all radiofluoroscopic imaging needs. Its small size makes it possible to install even in confined spaces, while offering the same performance as the high-end remote-controlled Apollo system.

*Diva-D* and *Diva-HDE* are acquisition systems, based on image intensifiers, which can be integrated with Apollo and Apollo EZ to exploit the potential of digital imaging. Diva systems automatically optimize the entire imaging chain with their anatomical-based programmes, and the system’s full DICOM connectivity means it can be integrated into the PACS network.
Apollo is Villa’s renowned remote-controlled system, designed to provide excellent operational flexibility, fast and effective workflows and easy accessibility to the patient. Its broad yet accurate movements, the variable height of the patient tabletop and its accessibility reduce preparation times for the exam and improve patient comfort.
Apollo EZ DRF is the digital version with dynamic flat panel of the appreciated Apollo EZ, which combines the compactness and reliability of the remote-controlled system with the acquisition quality and speed of a direct digital system.

Its great flexibility of use and full DICOM connectivity make Apollo EZ DRF a cost-efficient solution for every radiology unit or hospital looking to acquire a complete digital RF system.
Apollo DRF is the high-end digital RF system, combining the flexibility of use of remote-controlled tables with the superior image quality and speed of acquisition of dynamic Flat Panels. It offers the highest possible resolution and high acquisition cadences for fluoroscopic uses, while reducing the dose delivered to the patient.

The digital system increases the diagnostic capabilities of the remote-controlled system, using digital subtraction angiography and stitching (reconstruction of a series of consecutive images) for the spine and lower limbs.

Apollo DRF/OPEN's cantilever patient tabletop provides maximum direct accessibility to the patient from any side of the table, thus extending its applications to interventional procedures, which can be performed without hindrance. In this version, the patient tabletop is made of carbon fibre, which means the dose delivered to the patient can be reduced considerably.
Vision is a conventional tilting RF system, designed to perform all kinds of RF tests with maximum efficiency and ease. Its flexibility, ease of use and compact size make Vision the ideal choice when looking for a system for all routine diagnostic needs.
ArmonicUs is a compact and flexible DR system, suitable for use in general radiology and orthopaedics. Its small size and small footprint make it suitable for all facilities where space is at a premium. The intuitive touch-screen interface makes it quick and easy to get a full overview of system functions.
modularity for custom solutions

Thanks to the auto-positioning feature, Moviplan iC with the ceiling suspension tube stand Lem Plus iC represents the ideal solution for who is looking for the complete operative flexibility and maximum productivity in an advanced radiographic room.
Moviplan iC is the latest-generation X-ray system, which can be configured for a combination of a wide variety of features and applications, able to meet any diagnostic needs in radiology. In the high-end configurations, either column-mounted or with ceiling suspended tubestand, Moviplan iC has all the automatic features and technologies needed to increase productivity and efficiency in any work environment, providing extreme ease of use through its intuitive touch screen graphical interface.
VDX imaging solutions are based on a family of digital detectors, both fixed and portable, ranging in size up to 43x43 cm, and represent the perfect complement for our single or double flat panel DR rooms. They are also the most straightforward way of making existing analogue systems digital. Portable detectors with a tether cable - both for power and data transfer - are cheaper and faster at sending the image to the post-processing workstation, while the wireless models, which automatically synchronize with X-ray emission, allow total freedom of positioning, and can be shared, for example with mobile X-ray units for use on hospital wards. Finally, some models are characterized by exceptional image quality due to their smaller 100 micron pixel size.

The powerful DROC image acquisition and processing software, available with all VDX panels, provides comprehensive tools to enhance the diagnostic content of scanned images and DICOM functions so that the system can be integrated with the hospital network. The software includes advanced applications, such as stitching of large anatomical regions (which automatically combines series of consecutive images), and the Dual Energy technique, for imaging soft or skeletal tissue by exposing it to different energy values.
Moviplan 800 is Villa’s renowned general radiology room with column, the most straightforward way of meeting the need for basic and emergency X-rays. Available with a fixed or elevating floating table, and chest stand with fixed or tilting potter bucky, Moviplan 800 is an appropriate solution for any functional or budget requirements.
Melody III is the family of Villa mammography units, designed with the latest diagnostic and ergonomic technology, able to combine high-quality imaging with excellent patient comfort.

Available in both analogue and digital versions, as well with a 3D stereotactic biopsy function. In addition, for even more accurate diagnostic information, the new Melody III model features an innovative tomosynthesis option.
Arcovis 3000 is the family of C arms with image intensifier, designed to provide simple accurate use in the operating room. They can be configured with different memory systems, to meet the principal fluoroscopic imaging needs during general, orthopaedic and heart surgery.
Visitor mobile units are compact and manoeuvrable, making them an ideal radiology solution for emergency rooms and hospital wards. Version T4 provides the best combination of image quality and low price. Model T30C’s higher power ensures high productivity even in the most demanding of operating environments. The digital version, T30C-DR, is equipped with a portable flat panel, thus combining all the benefits of digital imaging with greater operational flexibility.
Visitor analogue and digital motorized units are powered by batteries, giving the operator total freedom of movement and use. Version T30 M-DR has a large integrated touch screen and portable digital panel, thus simplifying the workflow and maximizing operating efficiency for every diagnostic need.
practicality and efficiency

Endos intraoral radiography systems, equipped with an AC generator, have either a control panel with simplified timer (Endos AC) or a range of anatomical-based programmes (Endos ACP). Configurable with arms of different lengths, they can be installed as wall or ceiling units or else on mobile stand.

The Endograph DC intraoral unit, equipped with a high-frequency generator, has wireless controls and a built-in display with icon-based graphical interface that help to simplify and optimise all operations within the dental practice. Endograph DC is the ideal choice for working with the latest acquisition technologies, such as phosphor plates and digital receptors.
The **Scanograph** scanner for phosphor plates combines the ease of use of traditional film with the benefits of digital imaging. Its extreme ease of use is guaranteed by the totally automatic process: from reading and clearing the plate to displaying the diagnostic image on the computer. The Scanograph can also be shared between multiple treatment stations, which also helps to increase the productivity of a dental practice.

**Videograph** and **Videograph HD** digital sensors provide simple and immediate high-quality imaging, thereby meeting the main intraoral diagnostic imaging needs. Rounded corners improve patient comfort, and they are available in two different sizes.
Rotograph Plus is Villa’s well-known analogue dental unit, for the acquisition of panoramics, TMJs and maxillary sinuses, and is also available with a cephalometric arm. Patient positioning is performed using a system with 2 laser beams and adjustable mirror, while the wired controller is used to set up the examinations, also through anatomical-based programs.
Rotograph Prime is the latest digital panoramic unit. Its modern, innovative design makes it small enough to install as a wall unit, even in the smallest rooms. Its intuitive user interface makes it easy to use, and it covers all diagnostic panoramic imaging needs. Rotograph Prime is a complete and affordable solution for almost all types of dental practice.
Rotograph Evo is Villa’s long-serving panoramic system with multi-motor technology and motorized telescopic column. Its positioning system uses 2 laser beams and an adjustable mirror for proper alignment of the patient. In the digital version, with single or dual sensor, the intuitive touch screen interface makes it quick and easy to control the unit. The image acquisition and processing software is available with the main DICOM functions, in order to integrate the system with hospital networks.
The 3D version of the Rotograph Evo is a 3-in-1 system: panoramic, cephalometric and 3D. It works with the latest Cone Beam technology and can generate 3D reconstructions of the patient’s arches with a low dose of radiation. The innovative Flat Panel sensor can directly acquire panoramic images as well as provide a 3D reconstruction of multiple volumes, from a single arch to the patient’s entire dentition.
Competence in x-ray systems

Villa Sistemi Medicali is one of the most important manufacturers of radiological systems worldwide. Leveraging more than 50 years of experience in X-ray field, the company’s know-how covers all technologies which can create a modern radiographic examination room.

A wide range of equipment

Our range of products includes:
- Digital X-Ray systems
- Remote controlled tables
- Classical tilting tables
- General rad rooms
- Mobile units
- Surgical C arms
- Mammography
- Dental units: intra-oral, panoramic and 3D.

Our priority: Technical Service

A wide network of highly skilled service engineers ensures effective and reliable maintenance of all Villa Sistemi Medicali equipment installed worldwide. Preventive maintenance programs and service contracts are defined by our qualified personnel and adapted to the needs of our customers.

Logistic services: a global presence

Villa Sistemi Medicali daily provides full systems, spare parts, accessories and consumables, shipped regularly to all our customers, worldwide, using the most efficient couriers. Shipment modalities include ground, ship, air and intermodal freight transport.