

SIEMENS

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[www.siemens.com/multix-fusion](http://www.siemens.com/multix-fusion)

# Multix Fusion

Fits your needs. Fits your budget.

#### \* Intelligent dose reduction

Multix Fusion offers many more features to reduce patient dose. Copper filters are defined by the organ program and help decrease skin dose. An easy grid removal minimizes dose for all patients. The low-absorption tabletop material and the short distance between detector and work surface diminish patient dose, as well.

Fits your needs.

Fits your budget.



The brand-new Multix Fusion solves the challenge of meeting your needs within your budget.

It fits your needs regarding ease of use, image quality, dose reduction\*, efficiency, speed, and versatility – with the excellence you expect from Siemens.

It fits your budget in terms of total cost of ownership, patient throughput, and return on investment.

Multix Fusion is designed for routine radiography and can be tailored to your requirements, today and in the future. Analog or digital, with an upgrade path to digitize whenever you decide.

In short, it's an investment that fits.

**Multix Fusion.**  
**Fits your needs. Fits your budget.**



# Multix Fusion Fits your needs.

Whether table, tube, bucky wall stand, imaging software or detector, **high-end components** make a difference in productivity, patient-friendliness, and dose reduction\*.

Multix Fusion is **comfortable to maneuver**, so you can easily position your patients – or even better, just take the detector to where your patients are.

A true Siemens solution, Multix Fusion provides **excellent image quality**, further improved by **advanced post-processing** tools. Last but not least, it fits your **efficiency needs** – thanks to fast exams and full digital integration.

“ I need a solution that offers high flexibility and covers a broad range of clinical applications. ”



# Save dose and see every detail

Multix Fusion fits your radiography needs, offering superb image quality at a very low dose.

## High-end detector

Multix Fusion's detector combines excellent image quality and low dose. With one of the highest pixel counts in its class, it ensures crystal-clear radiographic images. And the Cesium iodide (CsI) scintillator material allows a significant reduction in dose compared to Gadox detectors and CR systems – without compromising image quality.

## Get clear insights – with DiamondView Plus

The on-board advanced post-processing tool DiamondView Plus automatically delivers images with outstanding contrast. Based on the organ program you select, the image processing parameters are set automatically, giving you highly precise bone and soft-tissue details – no matter which exam.



Without DiamondView Plus



Excellent image quality with DiamondView Plus



With DiamondView Plus



## Intelligent dose reduction

Multix Fusion offers many more features to reduce patient dose. Copper filters are defined by the organ program and help decrease skin dose. An easy grid removal minimizes dose for all patients. The low-absorption tabletop material and the short distance between detector and work surface diminish patient dose, as well.

## Comprehensive dose evaluation

With Multix Fusion, you can easily monitor and record the dose delivered to your patient. You get a quick overview of the dose area product of the single examination as well as the total examination.



# Enjoy great flexibility and smart features

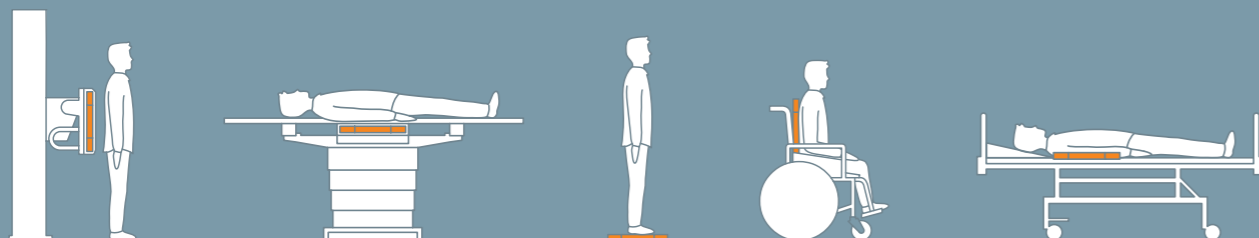
Multix Fusion facilitates your daily routine. Your team will love the ergonomics, and your patients will appreciate the thoughtful features.

## One detector, virtually unlimited positioning flexibility

Lightweight and cassette-sized for easy handling, Multix Fusion's detector is extremely versatile. You can use it in the table or bucky wall stand. Patients can stand on it or even stay in the wheelchair or bed during the free examination.

## All-in-one table

The height-adjustable table has a free-floating tabletop to make life easier for your team and your patients. You can move it to the required position quickly and effortlessly, and lower it to 52 cm (21") for easy patient access. An impressive 190 cm (75") patient coverage ensures that patients can be examined from head to toe without repositioning. And with a weight capacity of 300 kg (660 lbs), it's very robust. The table saves you time and effort and fits nearly all of your patients – the tall, the small, and the heavy ones.



You can enjoy great freedom and flexibility in patient positioning with Multix Fusion.



Thanks to its ergonomic design, Multix Fusion is easy to handle.



## Easy-to-position tube

The robust tube is easy to operate: It can be moved smoothly and effortlessly, as it is fixed on a resilient ceiling stand. Thanks to an impressive vertical range of 180 cm (71"), the tube can go down to where your patient's feet are.

## Single-handed cassette loading

By the way, did you know that our analog system version allows single-handed cassette loading? You need only one hand to load the cassette into the bucky tray, so you have one hand free for your patient.

## Intuitive control at your fingertips

You can operate Multix Fusion right at the tube, without having to leave the room. The intuitive color touch display allows you to set and change all key image parameters like kV or mAs. The user interface features color bars that clearly show when the system is ready – visible even from a distance. You can handle the display with one hand, so the other is free to comfort patients.

## Intelligent system features

Multix Fusion offers smart features that speed up your daily routine. Reliable tracking synchronizes the movements of tube and detector, keeping the SID constant. The tracking feature can be used for table and bucky wall stand applications. In addition, Automatic Collimation Size Sensing (ACSS) automatically recognizes the format of detector or cassette and adjusts the collimation accordingly.



# Experience easy image handling

Multix Fusion also speeds up data handling – helping you save time and increase patient throughput.

## Fast image turnaround

With Multix Fusion, you can determine whether your images fit your quality needs – right away. Get the images within seconds after acquisition.

## One user interface, many uses

Did you know that the imaging system FLUOROSPOT Compact is valued by over 7,000 satisfied customers worldwide? Thanks to its proven, *syngo*®-like user interface, the digital imaging system is intuitive and easy to learn. It is also identical for radiography, fluoroscopy, mobile X-ray, and urology systems from Siemens. Your benefit: Learn it once – use it anywhere.

## One workstation for the entire workflow

The imaging system provides about everything you need for registration, examination, post-processing, and documentation. It offers a variety of organ programs and post-processing tools, as well as full connectivity beyond your radiography department.

Using the DICOM standard, FLUOROSPOT Compact allows for optimized connectivity. Seamlessly integrate it into your existing HIS/RIS and PACS to easily Send, Store, and Retrieve patient data. The system also features DICOM Worklist, a CD/DVD burner, a USB port, and can connect to a printer. Enjoy the benefits of digital communication.



# Benefit from our expertise

Siemens looks back on 125 years of experience in healthcare. This is the basis on which the new Multix Fusion was developed.

## Fitting your needs

Multix Fusion contains key components from one of the industry-leading, top notch X-ray family. So you benefit from our R&D innovations – and get a system that exactly fits your needs.

## Innovation and quality as standard

Siemens has become a synonym for innovative capabilities and highest quality standards. For over 80 years, our “Multix” has been a renowned and trusted radiology brand, around the globe. Multix Fusion is the newest member of this family, evidencing Siemens’ expertise in X-ray technology.



The one-stop workstation allows efficient and accurate management of patient data, from registration to documentation.



# Multix Fusion Fits your budget.

Just choose the variant that best suits your clinical requirements and **investment budget**. And benefit from **low running costs** throughout the entire life cycle – thanks to smart room utilization, low downtimes, and reduced training costs.

At the same time, you can **increase revenues**. High throughput thanks to fast exams and high uptime, a positive reputation, and increased marketability is just one key factor. Multix Fusion also gives you **investment security** – with many options for upgrading and improving your system.

Compared to what you invest, you **get a great deal more**.



Multix Fusion is not designed to be used with a tablet computer for image display.



# Cost-efficiency for a lifetime

Multix Fusion makes it easy to save space, energy, maintenance, and training costs – right from the beginning, and for the system’s entire life cycle.

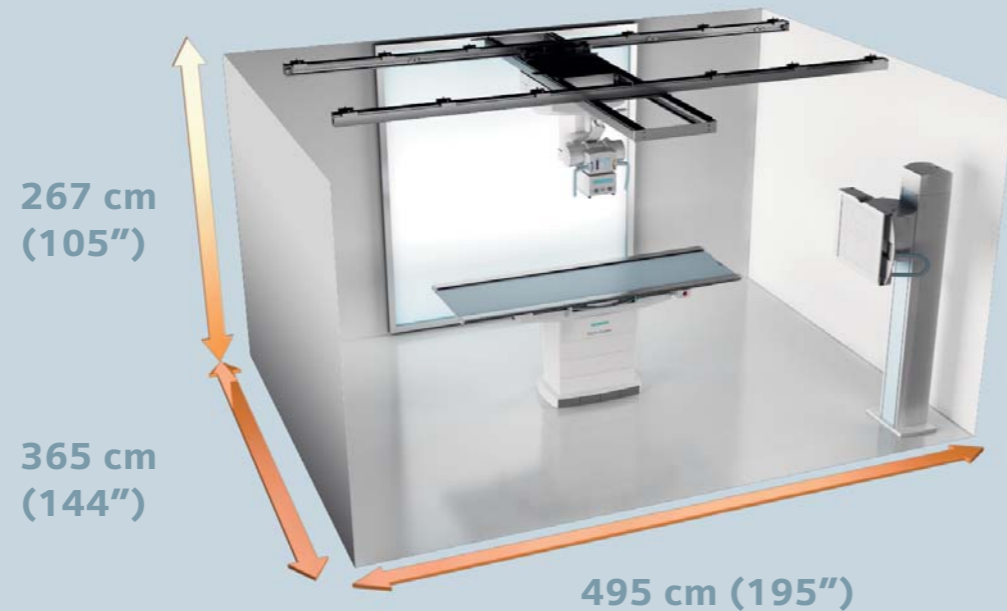
## Designed for low TCO

In line with Siemens’ commitment to quality, Multix Fusion integrates key components from our path-breaking X-ray systems that have proven to be highly reliable. The result? Minimized unplanned downtimes and reduced maintenance costs. But low total cost of ownership (TCO) has many more facets.

## Reduced room cost

Space is money. Intelligently designed, Multix Fusion fits virtually any existing X-ray room. You don’t have to consider room modifications or other cost drivers. Fast and easy installation helps cut costs even further. And the imaging system is designed for high performance in a very small space: one monitor, one mouse, one keyboard – that’s it.

Multix Fusion is an intelligently designed, compact system that fits even into smaller X-ray rooms.



## Increased training efficiency

Multix Fusion supports quick learning, safe system operation, and flexible staff disposition. It features an ergonomic design and intuitive functions, and offers

remote services to help your team efficiently build know-how. Team members familiar with other Siemens modalities can use Multix Fusion right away – because all of our systems share the same ease-of-use principle.





# Economy means getting more

High patient throughput, system availability, and image quality – discover the Multix Fusion triangle. It's all available at reduced costs.

## High throughput has many aspects

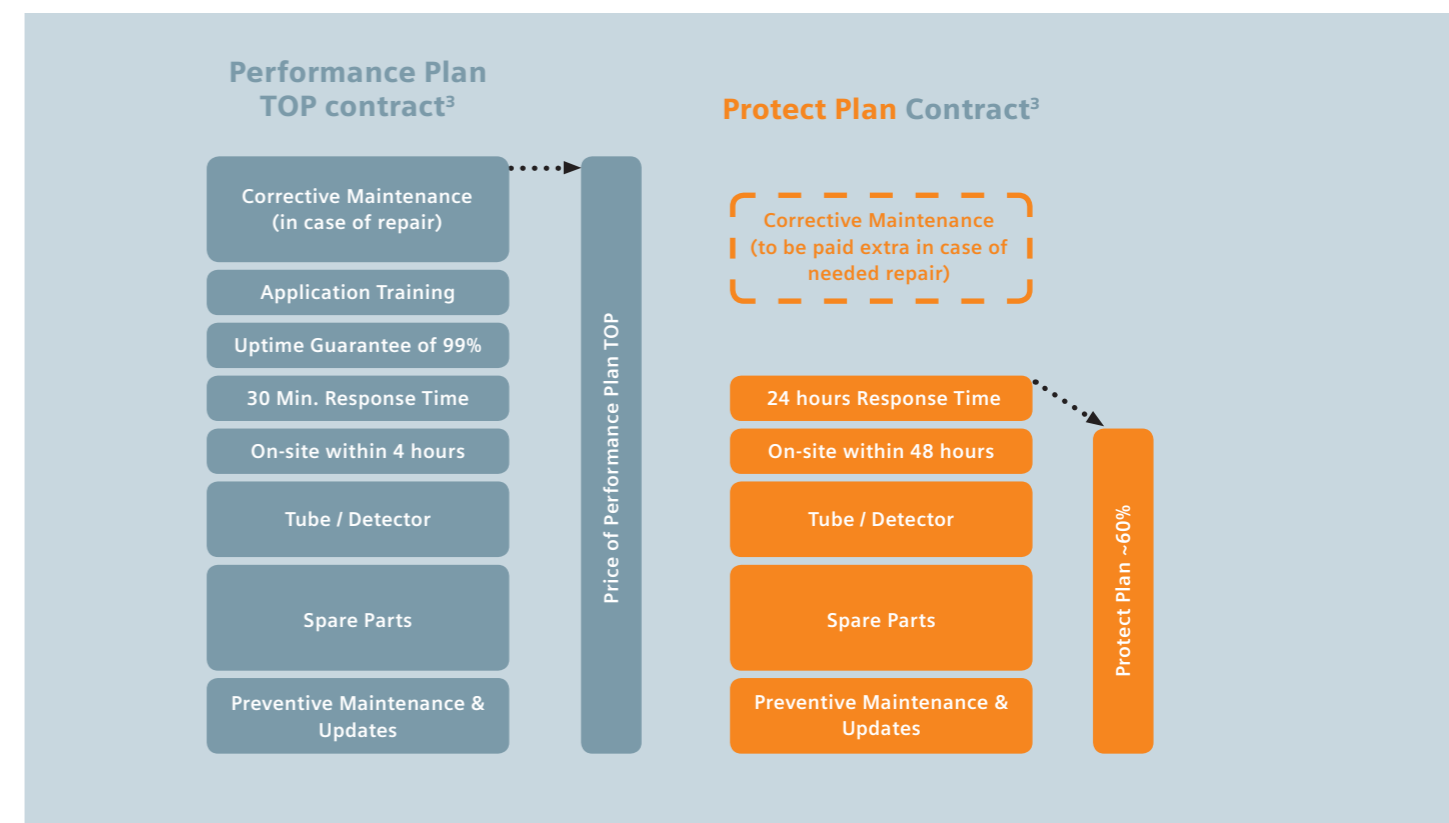
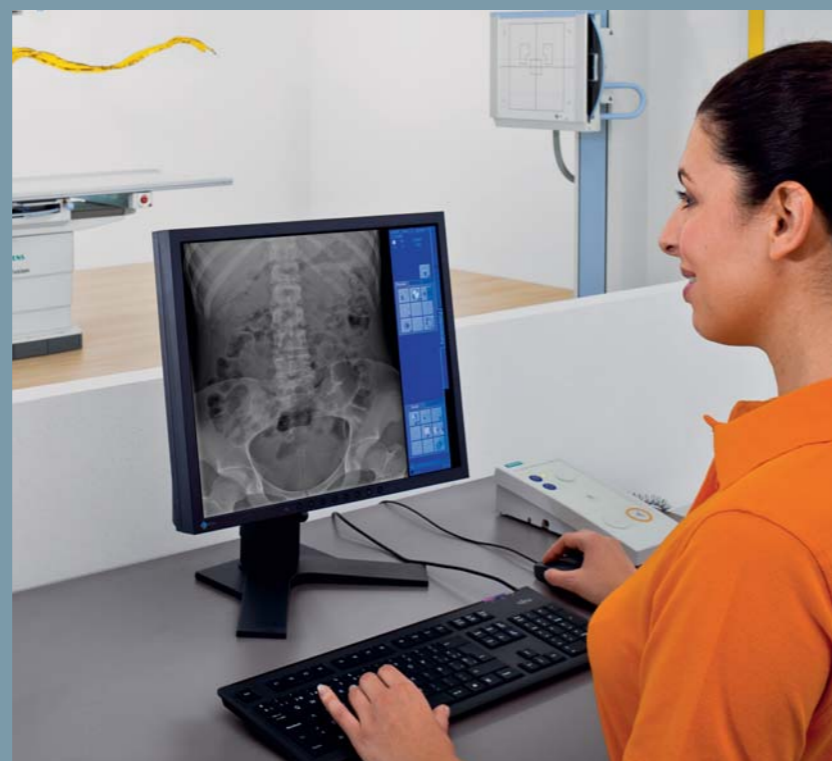
Increase your patient throughput while maintaining excellent image quality. Multix Fusion's detector makes daily operation fast and flexible. Patient positioning is quick and safe. Many automated features support faster handling. A fully digital workflow accelerates image turnaround time and image management – assisted by an imaging software proven to be reliable.

## Running system, healthy business

Only a system that's running can generate revenue. Our worldwide service enables high system availability, image quality, and patient throughput. It protects your Multix Fusion from viruses<sup>1</sup> that can affect data safety and provoke unplanned downtimes. With our remote service infrastructure<sup>2</sup>, we help limit service costs – and create value for your institution.



We offer interactive help: Learn all about the intelligent features of Multix Fusion – and get the most out of your system.



## Service that fits your budget

You can make your choice, depending on your requirements and your budget. Your contract includes all you need – no more, no less. It supports high system utilization at predictable life-cycle costs. If you decide for a Protect Plan now and face growing challenges, just opt for an upgrade!

## Building knowledge, the remote way

System expertise translates into safe and efficient operation. Using a remote connection, we offer real-time, interactive trainings with an expert co-pilot at your side. Can you imagine a better and easier way to build and refresh knowledge?

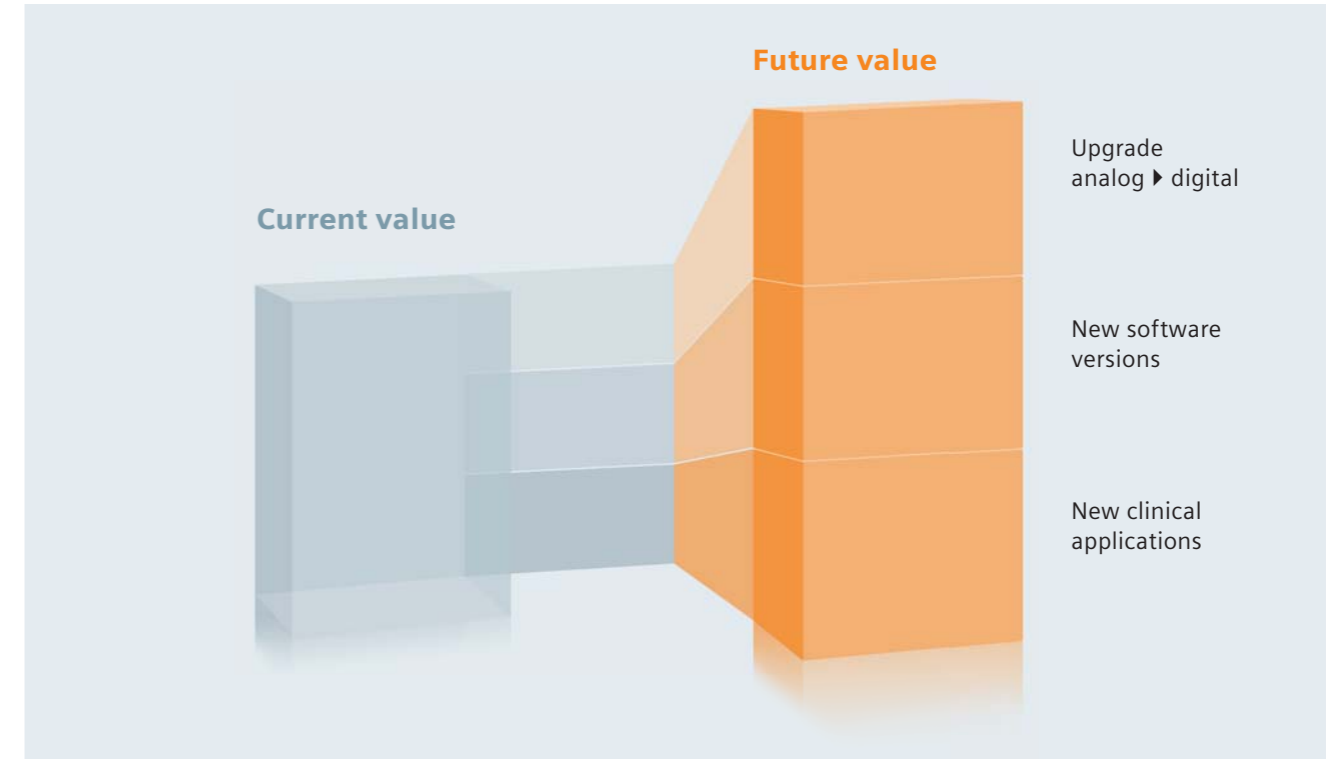
<sup>1</sup> Requires Virus Protection

<sup>2</sup> Requires connection with Siemens Remote Services infrastructure

<sup>3</sup> Subject to the terms and conditions of the local service agreement

## Seeing and improving – in real time

With Remote Assist, we help you assess your image quality, optimize your protocols, enhance your workflow in real time – and answer any questions you may have. All of these improvements can result in higher efficiency, increased patient throughput, and minimized workflow interruptions.



Investment security: Three levers to increase value over time!

# Good arguments to market your institution

Let's talk values. Multix Fusion smoothes the way for high patient and staff satisfaction. At the same time, it protects your investment.

## Increased employee satisfaction

Satisfied people help hospitals write success stories. Multix Fusion delivers good reasons to enjoy working. Operation is easy and intuitive. Moreover, components such as the gently moving tube, the height-adjustable table, and the detector considerably help reduce physical stress.

## Higher quality, lower dose

With Multix Fusion's Clinical Assurance Program (CAP), you can improve staff performance. It enables you to analyze rejected images and identify frequent quality problems – even offline, while regular system operation continues.

The Clinical Exposure Index (EXI) Monitoring and Deviation Index (DI) help you identify exposures that are out of range, supporting the ALARA<sup>1</sup> principle.

<sup>1</sup> As Low As Reasonably Achievable

## A positive influence in many aspects

For many patients, your X-ray system is still the first modality they perceive. With Multix Fusion, they will experience short waiting times, smooth and easy positioning, fast exams, and reliable diagnoses at low dose. In a nutshell, they will feel well cared for. Aren't they likely to share this experience and prefer your institution to other ones?

## Increased value over time

Multix Fusion offers many opportunities to increase functionality and value. You can upgrade the system to digital whenever you prefer. Software updates let you benefit from new developments and extend your clinical spectrum. Following the principle "one family – one software platform", Multix Fusion incorporates innovations designed for our high-end systems.

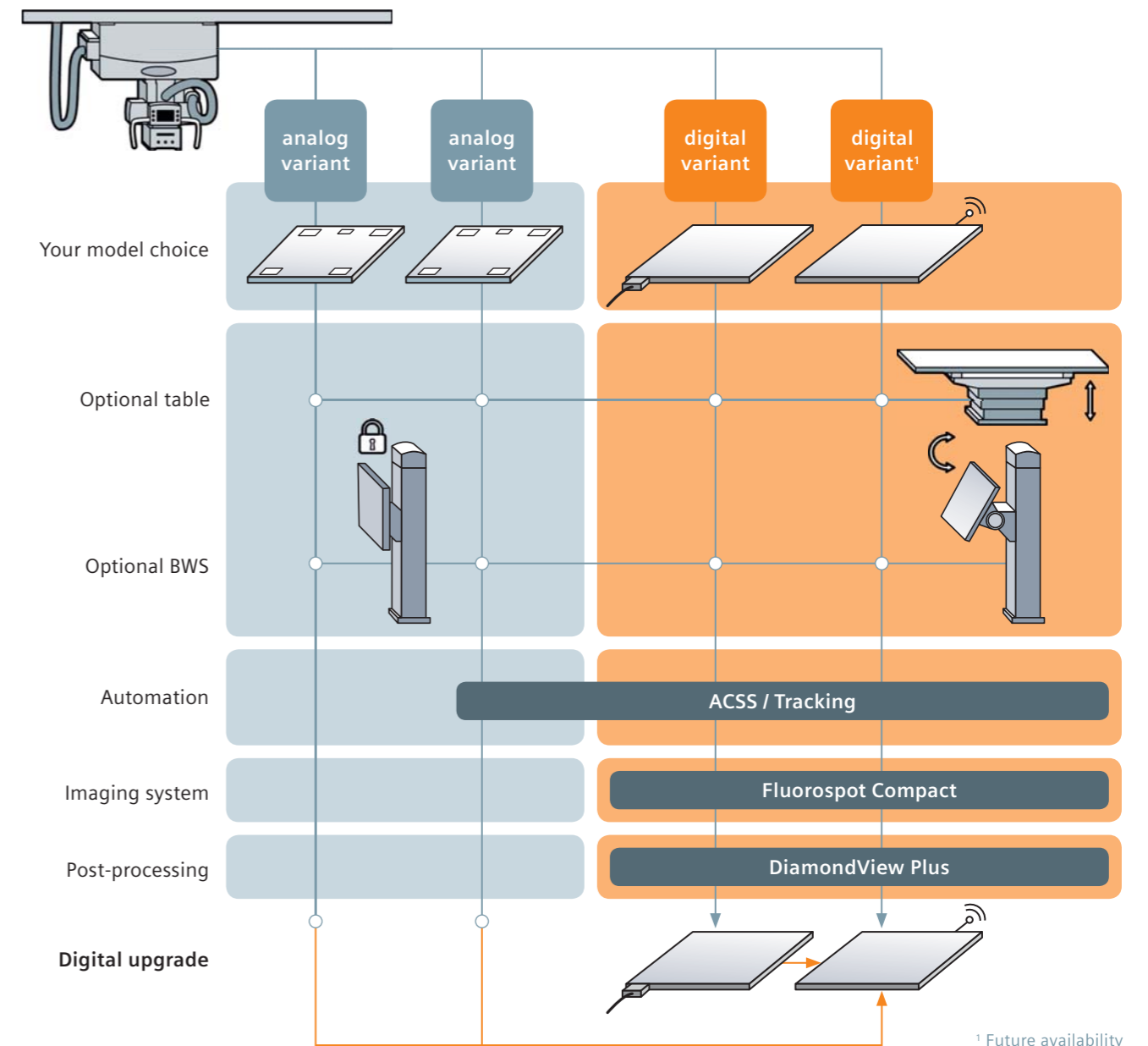




# Always meeting your expectations

Multix Fusion offers a flexible system concept – with analog and digital variants available. Just make the investment decision that matches your budget and your clinical requirements.

## Multix Fusion



“ I want an ergonomic system that is easy and intuitive to operate. One that really facilitates and speeds up my work. ”

## Your Multix Fusion

# Multix Fusion

Fits your needs.  
Fits your budget.

**Vertical travel range –**  
down to your patient's feet with an  
impressive 180 cm (71") movement

**Color touch display –**  
one hand for operation,  
one hand for the patient

**Easy-to-move tube –**  
synchronized movements  
to keep the SID constant

**Filters, easy grid  
removal, and more –**  
for intelligent dose  
reduction\*

**Full digital integration –**  
for fast and efficient workflow

**Intuitive user interface –**  
easy to learn and operate

**All-in-one table –**  
high patient weight capacity  
of 300 kg (660 lbs) and low  
table height of 52 cm (21")

**Detector –**  
highly versatile

**Excellent image quality –**  
with post-processing tool  
DiamondView Plus

**High performance  
in a small space –**  
one monitor, one  
mouse, one keyboard

