

| Qty | Part No. | Item Description | Extended Price |
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| 1 | 14444438 | <p>SOMATOM Definition Flash</p> <p>The SOMATOM Definition Flash contains the Stellar Detector, including TrueSignal and Edge Technology. Both take CT imaging where it has never gone before by routinely generating ultra-thin 0.5 mm slices e.g. for most accurate stenosis, plaque and stent analysis.</p> <p>Besides, it enables reduction of dose for all scans, resulting in for example sub-mSv cardiac imaging. Dual Energy automatically provides a second contrast for the best possible diagnosis without any extra dose.</p> <p>FAST CARE technology simplifies time-consuming/complex procedures for more reproducible and quicker results. The CARE features continuously reduce radiation dose to the lowest achievable minimum in every scan from pediatric to bariatric imaging - while preserving the image quality.</p> <p>The SOMATOM Definition Flash - the scanner that is able to scan:</p> <ul style="list-style-type: none"> - the heart routinely below 1 mSv, without the need to apply heart rate control - patients without the need for breath hold - pediatric patients without the need for sedation - thorax/heart/abdomen in about 0,6 s at a dose of <5 mSv - patients with metal implants, removing artefacts with iMAR (opt.) - at 75 ms temp. resolution for all heart rates (even atrial fibrillation) (opt.) - all organs for dynamic perfusion imaging (whole organ coverage) (opt.) - Dual Source Dual Energy scans without dose penalty - the heart in dynamic myocardial stress perfusion (quantitative) (opt.) - the heart in Dual Energy mode (opt.) - obese patients up to 307 kg (opt.) with 78 cm bore and 2 x 100kW - at 54 - 60% lower dose with iterative recon (SAFIRE) at an unprecedented recon speed and ADMIRE (opt.) | |
| 1 | 14444418 | <p>ADMIRE #AWP</p> <p>ADMIRE (Advanced Modeled Iterative REconstruction) is the next generation of Iterative Reconstruction.</p> <p>ADMIRE offers on the fly powerful dose reduction, excellent image quality and everyday suitability.</p> <p>Other unique qualities of ADMIRE are:</p> <ul style="list-style-type: none"> • Superb details, delineation and sharpness of organ borders • Positive impact on the image quality of e.g. streak artifacts in the shoulder region • Thick slice reconstruction allows for PACS-ready workflow • Reader-ready reconstructions deliver the desired image impression on the fly | |

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| | | Due to the computer power of the new Image Reconstruction System (IRS), ADMIRE has a potential to lower radiation, improve organ delineation and to offer a routine-ready performance. | |
| 1 | 14444420 | iMAR #AWP With iMAR, iterative Metal Artifact Reduction, Siemens offers metal artifact correction on a completely new level. The algorithm combines all three successful approaches: beam hardening correction, normalized sinogram inpainting, and frequency split. No matter if the artifacts are caused by implants such as i.e. dental fillings, screw, plates or prosthesis, iMAR helps to boost the image quality. The outcome is clinical images that are on a completely new level. | |
| 1 | 14420827 | FAST CARE Platform Siemens' unique FAST CARE platform is set to raise the standard of patient-centric productivity. Utilizing FAST - Fully Assisting Scanner Technologies - typically time-consuming and complex procedures during the scan process are extremely simplified and automated, not only improving workflow efficiency, but optimizing the clinical outcome by creating reproducible results, making diagnosis more reliable and reducing patient burden through streamlined examinations. Siemens' desire for as little radiation exposure as possible lies at the heart of the CARE - Combined Applications to Reduce Exposure - research and development philosophy offering a unique portfolio of dose saving features, many of them being introduced as industry's first. | |
| 1 | 14420834 | CARE Child Dedicated pediatric CT imaging, including 70 kV scan modes and specific CARE Dose4D curves and protocols | |
| 1 | 14444422 | FAST 3D Align #AWP FAST 3D Align enables automated alignment of FOV, adjustments and reconstructions of standard views. | |
| 1 | 14433987 | FAST Planning #AWP Direct, organ-based setting of scan and recon ranges for a faster and more standardized workflow | |
| 1 | 14433817 | DoseMAP DoseMAP - Siemens CT Dose Management Program - creates transparency in dose values and makes it possible to assess the dose situation. It improves security by setting dose alerts. DoseMAP has three components for complete and comprehensive dose management: Report, Analyze, and Protect. | |
| 1 | 14433988 | FAST Spine #AWP Accurate and anatomically aligned preparation of spine recons with just a single click. | |
| 1 | 14433989 | FAST Cardio Wizard On-screen step-by-step guide to cardiac scanning for higher reliability and reproducibility in cardiac CT. | |
| 1 | 14428036 | CARE Contrast III Integrated solution for a simplified bolus injector coupling. It synchronizes scan and contrast injection and transfers the injector protocol data in the patient protocol, in the e-logbook and to MPPS (if configured). | |
| 1 | 14410507 | X-CARE Partial scanning to reduce direct X-ray exposure for the most dose-sensitive body regions, e.g. the breasts, thyroid gland or eye lens | |
| 1 | 14402943 | Extended Field of View Software program with special reconstruction algorithms that allow for visualization of objects using a FoV up to 78 cm (non-diagnostic image quality). License to use software on a single unit. | |

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| 1 | 14410477 | UHR UHR mode delivers Ultra High resolution in plane of up to 24lp/cm for high defined imaging of small structures such as inner ear, joints or fractures of the bone | |
| 1 | 14410337 | CT Replacement Def. Flash Conversion to Siemens SOMATOM Definition Flash | |
| 1 | 14410339 | syngo Dual Energy Scan with SPS The syngo Dual Energy Scan with SPS (Selective Photon Shield) option allows the use of both SOMATOM Definition Flash X-ray sources simultaneously at different energies, while the Selective Photon Shield reduces dose and at the same time increases energy separation by blocking unnecessary parts of the energy spectrum. syngo Dual Energy offers the possibility to acquire two spiral data sets simultaneously from a single scan running the tubes at 80/140 kV or 100/140 kV. The results are two data sets with diverse information. | |
| 1 | 14444426 | FAST DE Results #AWP With FAST DE Results you can select Dual Energy applications at the AWP and the results will be sent directly to the PACS for a straight forward Dual Energy workflow. | |
| 1 | 14428553 | FAST DE (DE WorkStream 4D) FAST Dual Energy (DE) is a 4D workflow for the Dual Energy data with direct generation of axial, sagittal, coronal, or double-oblique images from standard Dual Energy scanning protocols. The Advantage: the elimination of time consuming, error prone, manual reconstruction steps and a reduction of data volume up to a factor of 10, since virtually all diagnostic information is captured in 3D slices. | |
| 1 | 14410341 | Heart Perfusion Scanning Dynamic scan mode to visualize ventricular myocardial perfusion for identification of perfusion defects. Applies sequential technique for minimum dose and 75 ms temporal resolution for scanning even at high heart rates. | |
| 1 | 14419204 | CT Neuro Engine - Scan Opt The CT Neuro Engine-Scan Option provides dynamic 4D quantification and visualization of perfusion data Additional Software Modules: - syngo Volume Perfusion CT- Neuro on Acquisition Workplace | |
| 1 | 14419205 | CT Neuro Engine Pro - Scan Opt The CT Neuro Engine - Scan Option extends the dynamic range for stroke and tumor imaging beyond detector width Additional Scanner Options: - Adaptive 4D Spiral acquisition for whole organ perfusion | |
| 1 | 14419206 | CT Cardiac Engine - Scan Opt The CT Cardiac Engine Scanning Option fuels the disease oriented Cardio-Vascular CT workflows which allow for speed in clinical routine while at the same time offering powerful functions and ease of use for the complex cases. It offers the complete solution for state-of-the-art cardio-vascular CT imaging. Low dose high-pitch FlashSpiral acquisition for the heart and entire thorax. ECG synchronized acquisition, image reconstruction techniques and intuitive ECG editing to exclude extra beats before image reconstruction ensure optimal image quality. Z-sharp technology allows for industries lowest spatial resolution which, for instance, advances plaque visualization. The lowest possible dose for your patients' safety is guaranteed, e.g. with intelligent adaptive ECG-pulsing and prospectively triggered acquisition. An innovative, dedicated cardio-vascular imaging user interface simplifies your daily workflow and ensures highest throughput. | |

The CT Cardio-Vascular Engine scanner option permits the use of the following

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| | | scan options: | |
| | | <ul style="list-style-type: none"> - HeartView Flash, including - Prospectively triggered high-pitch FlashSpiral scanning, e.g. for sub-mSv cardiac scanning in low heart rates. - ECG-Gated Spiral scanning for high and irregular heart rates - Flash Cardio Sequence for moderate heart rates - 0.28s rotation time to freeze any motion (e.g. cardiac motion) - MinDose ECG Pulsing for 30-50% dose saving in cardiac function (full functional assessment exclusively possible with syngo.CT Cardiac Function, included in CT Cardio-Vascular Engine) - syngo CaScoring for quick risk assessment and coronary age calculation (for single user at Acquisition Workplace) | |
| 1 | 14410345 | Cooling System Water/Air #split Water-to-air heat exchanger for the dissipation (to the air outside) of heat, generated in the gantry. | |
| 1 | 14402886 | Trafo for cooling system water/air For adequate power consumption the chiller system may need an additional transformer: If the electrical connection to be used can not provide either 400V at 50Hz or 460V at 60Hz this transformer is needed. | |
| 1 | 14406543 | Flow Heater The flow heater allows to install the split chiller in climatic conditions which require an extended use of up to minus 40° Celsius (-40°F). | |
| 1 | 14410242 | Service Switch Service switch to shut off the outdoor cooling unit for maintenance or in case of emergency | |
| 1 | 14419013 | Multi Purpose Table Flash The Multi Purpose table is especially designed for multi disciplinary use, while still enabling ultra-fast spiral scanning up to 400 mm/s (458 mm/s with HeartView Flash). It's flexible design allows to exchange table tops for routine radiology, Trauma or bariatric use. | |
| 1 | 14408233 | Physiological Monitoring Module The Physiological Measurement Module allows to connect a 3 Channel ECG cable for ECG controlled cardiac acquisition. | |
| 1 | 14403008 | ECG Cable IEC2 #D ECG cable, IEC2 (AHA/US color coding). | |
| 1 | 14441461 | Mattress with Spill Protection This mattress is ideal for trauma and acute care settings. The mattress has wide flaps and offers additional protection by preventing liquids spilling into the table by covering the gaps between table top and the table base. | |
| 1 | 14408231 | High Cap. Patient & Trauma Tab.Top The high capacity and trauma table top offers the capability to support up to 307 kg/676 lbs of patient weight. It allows easy positioning and transfer from and to the table, due to its flat surface. Special accessories and an extended table top width of 530 mm ensure a safe and comfortable positioning for obese patients. | |
| 1 | 14408232 | High Cap. Patient & Trauma Acc Kit The High capacity and Trauma accessory kit contains additional Patient restraint set with a width of 400mm and additional table extensions for feet and head. | |
| 1 | 14420910 | Table Side Rails Side rails enable the quick and easy attachment of additional accessories such as an infusion bottle holder and i-control intervention module to the standard patient table. | |

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| 1 | 14428165 | Patient Restraint 400 mm 400 mm wide restraint strap for the safe positioning of even obese patients on the patient table. | |
| 1 | 14402983 | Head Holder Head holder for the fixation of the patient's head in combination with the cushion set. | |
| 1 | 14433996 | Head-Arm Rest This head-arm rest allows placing the head and the arm of trauma patients and even unconscious patients reliably for CT scanning. It is very useful in emergency rooms, e.g. for whole body scans, as it extends the scan range by about 30 cm. It can be placed in the standard Multipurpose Table accessory holder. | |
| 1 | 14402956 | Computer Desk New CT desk to accommodate the control components and color monitor. Width: 1200 mm, Depth: 800 mm, Height: 720 mm. | |
| 1 | 14402933 | Computer Cabinet New cabinet to accommodate the computer system and UPS. Matched to the design of the control console table. Width: 800 mm, Depth: 800 mm, Height: 720 mm | |
| 1 | 14430915 | syngo Neuro DSA CT #AWP syngo(r) Neuro DSA CT is a dedicated postprocessing application which allows removing bone structures from CT-Angiography (CTA) datasets for improved visualization of the cerebral vasculature. It uses an additional nonenhanced CT (NECT) scan with the aim to automatically and quickly remove bone from cerebral CTA data. The algorithm works completely automated and makes this application easy to use. This improves visualization of vascular structures in the area of the skull base and helps to delineate aneurysms and other vascular diseases. | |
| 1 | 14410068 | Adapt. 3D Intervent. Suite Wireless | |
| 1 | 14402961 | Dual 19" Monitor #D Siemens proprietary syngo software visualizes the examination workflow in individual process steps on so-called task cards, such as the patient registration, examination, viewing or 3D task card. The dual monitor feature enables the split of the syngo task cards on two monitors in two different ways. This option includes the syngo dual monitor software and a second high resolution, flicker-free, 19-inch (48 cm) color flat panel display for medical diagnostic applications. This display provides a resolution of 1280 x 1024 and has a wide viewing angle, features high contrast even under high ambient light conditions. Display light output stability is ensured by controlled backlight throughout the whole lifetime. Possibility one: One monitor displays the viewing task card, for instance for the interactive review of image data. All other syngo task cards are displayed on the second monitor. Possibility two: Both monitors display the 3D-Basic task card, enabling the viewing and manipulation of two different datasets on two monitors. It enables the comparison of two series from the same patient e.g. pre and post contrast or the comparison of two studies from the same patient e.g. pre and post surgery. | |
| 1 | 14447344 | Dual Monitor Ceiling Support The dual monitor solution enables access to images and scan data while interacting with the patient in the scan room. The high resolution, flicker free, 19-inch (48 cm) color flat panel displays are mounted at the ceiling support. | |

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| | | <p>The space-saving ceiling installation along with the large movement range of the support allow maximum operating convenience when positioning the monitor.</p> <p>19" flat screen monitor (2x)</p> <p>The 19" monitors support CT interventions and CT fluoroscopy with a display in the examination room.</p> <p>Dual Monitor Ceiling Support</p> <p>The Dual Monitor Ceiling support consists of: video transmitter, video receiver, power supply cable and a 30 m fiber-optic cable set for connecting the flat screen monitors. Displays suitable for medical diagnostic applications (room class 1 and 2 acc. To DIN 6868-157).</p> <p>Ceiling Support Base</p> <p>Ceiling support for the accommodation and safe installation of one or two flat screen monitors in the examination room.</p> | |
| 1 | 14444626 | <p>s.via CT bundle A (Identifier)</p> <p>CT system bundled with syngo.via</p> | |
| 1 | 14445285 | <p>syngo.via Workstation Software</p> <p>The syngo.via Workstation offers 2D, 3D, 4D multi-modality routine reading capabilities and a variety of advanced applications tailored to the Workstation. The combination of syngo.via Software and Workstation Hardware is ideal for 1 - 2 users. The availability of all applications and workflows included in syngo.via Workstation is virtually unlimited, i.e. the number of opened cases is only constrained by server HW resources.</p> <p>The syngo.via client runs on standard Windows computers in the network and integrates into radiologist's reading workplace (RIS; PACS) for efficient image reading based on a wide range of clinical applications (advanced visualization applications) for different clinical cases. Those applications are available as additional options for syngo.via.</p> <p>The optional advanced visualization applications/Engines follow the flexible concurrent user model (users working at the same time).The service support for syngo.via requires the provision of an administrator with dedicated tasks and a minimum broadband Internet connection bandwidth.</p> | |
| 1 | 14445105 | <p>WebViewer User #1 Integrated Server</p> <p>syngo.via WebViewer is a web-based client server add-on to syngo.via.</p> <p>It provides high-speed 2D and 3D image data review and basic manipulation functionality within the healthcare institution's network and through secure VPN connection both over LAN and wireless connections. The integrated server can be used for internal image distribution only (internet access only by VPN infrastructure).</p> <p>The syngo.via WebViewer runs on PC, Mac and laptops equipped with appropriate browsers, as well as on Apple iPad.</p> | |
| 1 | 14443976 | <p>syngo.CT Neuro Engine #1</p> <p>The CT Neuro Engine provides the decisive insights needed to make better informed decisions on optimal treatment. Its disease-oriented workflows allow lifesaving diagnostics when every minute counts. It supplies tailored, disease-oriented workflows consisting of dedicated scan modes & software modules, covering acute situations such as stroke imaging, neurovascular evaluation and evaluation of brain tumors.</p> <p>The CT Neuro Engine provides the following software modules:</p> <p>syngo.CT Neuro DSA allows for bone-free evaluation of the neuro vasculature. Main indications are the diagnostic evaluating of neurovascular disease (e.g. aneurysms & stenosis) and planning interventional treatment (e.g. coiling and stenting).</p> <p>syngo.CT Neuro Perfusion visualizes blood perfusion in the brain. This can help in acute</p> | |

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| | | <p>ischemic stroke to estimate the extent of tissue at risk to infarct (penumbra) that is potentially salvageable with further therapy. In brain tumors, blood brain barrier disturbances can be visualized which may improve differential diagnosis and could be helpful in therapy monitoring.</p> <p>User Licenses: 1</p> | |
| 1 | 14443984 | <p>syngo.CT Dynamic Angio #1</p> <p>syngo.CT Dynamic Angio visualizes blood flow dynamically. Movies and images are created to visualize blood flowing from the arterial to the venous phases. This may support the inspection of diseases which affect the vessel system. In ischemic stroke, visualization of delayed collaterals with tMIP images may help clinicians to select patients more likely to benefit from further treatment.</p> <p>User Liscence: 1</p> | |
| 1 | 14443937 | <p>syngo.CT Card. Fct. Valve Pilot#1</p> <p>syngo.CT Cardiac Function - Valve Pilot provides zero-click annulus display and zero-delay quantitative annulus assessment.</p> | |
| 1 | 14447017 | <p>syngo.CT Myocardial Perfusion #1</p> <p>syngo.CT Myocardial Perfusion allows for the assessment and quantification of dynamic CT data of the myocardium following the injection of contrast media</p> | |
| 1 | 14443967 | <p>syngo.CT Vascular Analysis #1</p> <p>syngo.CT Vascular Analysis for fast and intuitive assessment / quantification of general vascular pathologies, such as stenosis and AAA.</p> | |
| 1 | 14443970 | <p>syngo.CT Vascular Autotracer #1</p> <p>syngo.CT Vascular Analysis - Autotracer is an extension for the CT Vascular Analysis module which allows for the automatic identification and anatomical labeling of main vessels.</p> | |
| 1 | 14443973 | <p>syngo.CT Rapid Stent Planning #1</p> <p>syngo.CT Vascular Analysis - Rapid Stent Planning for automatic completion of manufacturer-specific graft order forms.</p> | |
| 1 | 14444044 | <p>syngo.CT Colonography Advanced #1</p> <p>syngo.CT Colonography - Advanced is an option to syngo.CT Colonography which provides the Polyp Lens, Stool Removal functionality, and Virtual Dissection.</p> | |
| 1 | 14444039 | <p>syngo.CT Pulmo 3D #1</p> <p>syngo.via application for CT-based clinical assessment of lung diseases. Provides automated evaluation and documentation by 3D quantification of left and right lung, lung lobes, and automated segmentation and measurements of the trachea and associated bronchi.</p> | |
| 1 | 14444063 | <p>syngo.CT Liver Analysis #1</p> <p>syngo.CT Liver Analysis provides a comprehensive liver application offering automated liver segmentation, semi-automated segmentation of vascular and bile ducts trees, and visualization of vascular supply areas. In addition, it offers semi-automated segmentation of liver lesions, virtual separation planes, and calculation of resulting partial liver volumes.</p> | |
| 1 | 14444056 | <p>syngo.CT Body Perfusion #1</p> <p>syngo.CT Body Perfusion facilitates the quantitative evaluation of dynamic CT data of organs and tumors.</p> | |
| 1 | 14444622 | <p>Server-based Workstation</p> <p>syngo.via Server-based Workstation HW, tower floorstand configuration.</p> | |
| 1 | 14432643 | <p>HP Care Pack. 5y WS HW Support</p> <p>Prime HW Support for 5 years (for Workstation/Workplace HW ? ML30 Gen9)</p> | |

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| 1 | 14413099 | EIZO MX241W Display The EIZO MX 242W is a color widescreen LCD monitor for diagnostic use and clinical review with a resolution of 1920 x 1200 pixels. | |
| 1 | 14429046 | UPS 100/110/120/127 V Workstation HP 1.5 KVA tower uninterruptible power supply for server-based workstation | |
| 3 | 14413186 | HW HP Standard Client Workplace HP Workstation for syngo.via client workplaces. | |
| 3 | 14413099 | EIZO MX241W Display The EIZO MX 242W is a color widescreen LCD monitor for diagnostic use and clinical review with a resolution of 1920 x 1200 pixels. | |
| 2 | 14429046 | UPS 100/110/120/127 V Workstation HP 1.5 KVA tower uninterruptible power supply for server-based workstation | |
| 1 | 14429311 | PACS-Driven Implementation Pkg. This PACS-Driven Implementation Package includes installation and integration services for syngo.via in a radiologic workflow mainly supported by the PACS functionality. This package includes professional services, such as: - Installation of the syngo.via server software on the server hardware - Installation of the syngo.via client software on one clinical workplace for one user - Connection to up to 5 DICOM nodes - Image call-up of syngo.via from the PACS' user interface - Assistance in setting up image call-up of syngo.via from the PACS' user interface. This may require the purchase of software and services from the PACS vendor. - Configuration of basic syngo.via workflows and rules - Integration of one syngo.via client workplace with one syngo MultiModality Workplace. - Basic installation service for the syngo.via at the customer's site. - Integration into the Local Area Network of the customer and to Siemens Remote Service over internet connection. - Installation of WebViewer integrated license (syngo.via SW version VA30 or higher, country restrictions might apply). | |
| 1 | 14445228 | syngo.via local Impl. (Identifier) Identifier for professional services completely provided by locally organized resources. | |
| 1 | SY_CR_VIA_PACS | VIA Govt Trng in PACS Imp Per agreement, credit for initial training in Basic Implementation 14412663 | |
| 1 | 14412656L | Server HW Installation Standard Basic installation of the syngo.via server hardware with the operating system at the customer's site by the hardware supplier. Integration into the Local Area Network of the customer and to Siemens Remote Service over internet connection. Please check that the following information is included in the customer quote: correct and complete delivery location, customer's contact person for implementation planning. See also the questions in the Sales Checklist, which supports you in evaluation of the customer's requirements. | |
| 1 | 14412372L | Classroom ClinicAdmin Training 5 day The objective of this course is to give the participants the necessary theoretical knowledge and practical experience to routinely operate the syngo.via system, and to become acquainted with the settings and configuration of the system. Lectures and interactive practical exercises will familiarize the participants with the functionality of syngo.via and the clinical case specific applications. This class includes lunch, economy airfare, and lodging for (1) imaging professional. All arrangements must be arranged through Siemens designated travel agency This educational | |

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| | | offering must be completed by the later of (12) months from purchase or install end date. If training is not completed within the applicable time period, Siemens obligation to provide the training will expire without refund. | |
| 1 | SY_VIRINTL_4 | Virtual Initial Consultation, syngo.via This virtual initial consultation session, up to 4 hrs in duration, is designed to define the clinical customization of syngo.via specific to radiology workflow. Through direct communication with a clinical education specialist, this session will identify and configure site-specific workflow and imaging storage and retrieval parameters. This educational offering must be conducted no more than 4 weeks before the scheduled system turnover event. This consultation session will be scheduled during standard business hours, Monday through Friday. If training is not completed within the applicable time period, Siemens obligation to provide the training will expire without refund. | |
| 1 | SY_INITIAL_24 | Initial onsite training 24 hrs syngo.via Up to (24) hours of on-site clinical applications training on syngo.via basic navigation and modality specific clinical workflows, scheduled consecutively (Monday - Friday) during standard business hours for a maximum of (4)users. Training will focus on the use of syngo.via in clinical routine and customization of systems based on workflow needs. This educational offering must be completed (12) months from turnover date. If training is not completed within the applicable time period, Siemens obligation to provide the training will expire without refund. | |
| 1 | SY_FOLLOWUP_16 | Follow up training 16 hrs, syngo.via Up to (16) hours of follow-up on-site clinical applications training on syngo.via navigation and modality specific clinical workflows, scheduled consecutively (Monday - Friday) during standard business hours for a maximum of (4)users. Training will focus on the optimization of syngo.via in clinical routine and customization of systems based on clinical workflow needs. Advanced clinical applications will be covered for users previously attending initial applications training. This educational offering must be completed (12) months from turnover date. If training is not completed within the applicable time period, Siemens obligation to provide the training will expire without refund. | |
| 1 | SY_CR_14412656 | VIA Govt Server HW Install Per agreement, credit for syngo.via hardware installation by 3rd party integrator 14412656 | |
| 1 | 14444342 | CT with syngo.via (identifier) CT with syngo.via (identifier) | |
| 1 | 14428168 | Additional User Manual Additional user manual for the above selected CT system. | |
| 1 | CT_PM | CT Project Management A Siemens Project Manager (PM) will be the single point of contact for the implementation of your Siemens equipment. The assigned PM will work with the customer's facilities management, architect or building contractor to assist you in ensuring that your site is ready for installation. Your PM will provide initial and final drawings and will coordinate the scheduling of the equipment, installation, and rigging, as well as the initiation of on-site clinical education. | |
| 1 | CT_STD_RIG_I NST | CT Standard Rigging and Installation This quotation includes standard rigging and installation of your CT new system. Standard rigging into a room with reasonable access, as determined by Siemens Project Management, during standard working hours (Mon. - Fri./ 8 a.m. to 5 p.m.) It remains the responsibility of the Customer to prepare the room in accordance with the SIEMENS planning documents. Any special rigging requirements (Crane, stairs, etc.) and/or special site requirements (e.g. removal of existing systems, etc.) is an incremental cost and the responsibility of the Customer. All other "out of scope" charges (not covered by the standard rigging and installation) will be | |

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| | | identified during the site assessment and remain the responsibility of the Customer. | |
| 1 | CT_ONSITE_32 | Initial onsite training 32 hrs Up to (32) hours of on-site clinical education training, scheduled consecutively (Monday - Friday) during standard business hours for a maximum of (4) imaging professionals. Training will cover agenda items on the ASRT approved checklist. Uptime Clinical Education phone support is provided during the warranty period for specified posted hours. This educational offering must be completed (12) months from install end date. If training is not completed within the applicable time period, Siemens obligation to provide the training will expire without refund. | |
| 1 | CT_ADJ_GOV_32 | Initial onsite training 32 hrs GovOffset | |
| 1 | CT_ADD_32 | Additional onsite training 32 hours Up to (32) hours of on-site clinical education training, scheduled consecutively (Monday - Friday) during standard business hours for a maximum of (4) imaging professionals. Training will cover agenda items on the ASRT approved checklist if applicable. This educational offering must be completed (12) months from install end date. If training is not completed within the applicable time period, Siemens obligation to provide the training will expire without refund. | |
| 1 | CT_ADD_32 | Additional onsite training 32 hours Up to (32) hours of on-site clinical education training, scheduled consecutively (Monday - Friday) during standard business hours for a maximum of (4) imaging professionals. Training will cover agenda items on the ASRT approved checklist if applicable. This educational offering must be completed (12) months from install end date. If training is not completed within the applicable time period, Siemens obligation to provide the training will expire without refund. | |
| 1 | MSCT322 | Stellant D Dual Ceiling w/Certegra WS New Stellant D Dual Ceiling mounted with Certegra Workstation NO Informatics. Short ceiling post - 580 mm. Other ceiling post lengths are available (different part numbers): 850 mm and 1000 mm. Includes Stellant D, Dual Head, ceiling mounted injector; Certegra workstation; installation and warranty through Medrad. | |
| 1 | CTSP4002 | CT Slicker Thermoseal seams and flaps deflect fluids, reducing contaminant penetration into the cushion and table. Contaminants are retained on the tabletop or shunted to the floor. Cleanup is faster, more thorough, and contaminant build-up is reduced. Built using heavy, clear, micro matte vinyl, and top grade hook and loop fastening strips (Velcro) to better fit the specified table. Custom vinyl resists tears and minimizes radiologic interference. Latex free. Set includes CT Skirts. Includes warranty from RADSCAN Medical. | |
| 1 | 4SPAS014 | Low Contrast CT Phantom & Holder | |
| 1 | CT_UPS_DEF_FLASH | Standard UPS for Definition Flash The standard partial system uninterruptible power system (UPS) is built directly into the power distribution cabinet (PDC) and supports the critical circuits for table and gantry electronics, console computer, image reconstruction system, and the internal Ethernet switch (to ensure connectivity). This enables safe removal of patient if outage occurs during scanning. The UPS allows for a safe shutdown of the CT scanner in the event of power interruption. The UPS provides 5-7 minutes of power, during which the user is prompted and guided through the process to perform a safe shutdown of the system. This safe shutdown ensures that no data is lost. | |

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| 1 | CT_LUNGIMA GASPL | Lung Imaging For well over a decade, CT has been recognized and used as the standard of care for lung nodule detection and sizing. This is due to CT's spatial resolution, geometric accuracy, and ability to create various reconstructions and 3D views. The high contrast environment in the chest between the lungs and the nodules makes for a relatively easy detection task for clinicians using CT images. Recent advances in CT technology have allowed these scans to be effectively performed at lower doses, higher resolutions, and faster scan times. The SOMATOM Definition AS+ CT is indicated for use in low dose lung cancer screening for high risk populations*. The AS+ is delivered with two specific scan protocols to provide low dose lung cancer screening exams at approximately 1.3 mGy CTDI for a standard size adult. These default protocols utilize Siemens proprietary dose reducing features such as CARE Dose4D(tm), automatic exposure control technology that modulates and adapts dose for every patient, for high image quality at low dose. *As defined by professional medical societies. | |
| 1 | ACCESS_PRO TECT | Access Protection Scan Protocols are password protected allowing only authorized staff members to access and permanently change protocols | |
| 1 | ADAPT_DOSE _SHIELD | Adaptive Dose Shield Adaptive Dose Shield for spiral acquisition to eliminate pre- and post-spiral over-radiation. | |
| 1 | CARE_ANALY TICS | CARE Analytics Stand-alone tool, for installation in any PC in the hospital network, allowing evaluation of DICOM dose Structured Reports (DICOM SR) | |
| 1 | CARE_DASHB OARD | CARE Dashboard Visualization of activated dose reduction features and technologies for each scan range of an examination to analyze and manage the dose to be applied in the scan | |
| 1 | CARE_DOSE4 D | CARE Dose4D CARE Dose4D delivers the highest possible image quality at the lowest possible dose for patients - maximum detail, minimum dose. Adaptive dose modulation for up to 60% dose reduction | |
| 1 | CARE_DOSE_ CONFIG | CARE Dose Configurator CARE Dose Configurator: Enhancement of Siemens' renowned real-time dose modulation CARE Dose4D, introducing new reference curves for each body region and for each body habitus allowing to adjust the configuration even more precisely to the patient's anatomy. | |
| 1 | CARE_KV | CARE kV CARE kV: First automated, organ-sensitive voltage setting to improve image quality and contrast-to-noise-ratio while optimizing dose and potentially reducing it by up to 60%. | |
| 1 | CARE_PROFL E | CARE Profile CARE Profile: Visualization of the dose distribution along the topogram prior to the scan | |
| 1 | DICOM_SR | DICOM SR Dose Reports DICOM structured file allows for the extraction of dose values (CTDIvol, DLP) | |
| 1 | DOSELOGS | DoseLogs Whenever a limit exceeds of the set up reference dose levels (Dose Notification and Dose Alert) automatically a report is created on the system | |
| 1 | DOSE_ALERT | Dose Alert Dose Alert: As requested by the new release of the standard IEC 60601 3rd edition, the SOMATOM Definition automatically adds up CTDIvol and DLP depending on z-position (scan axis). The Dose Alert window appears, if either of these cumulative values exceeds a user-defined threshold. | |

| Qty | Part No. | Item Description | Extended Price |
|-----|-----------------------|---|----------------|
| 1 | DOSE_NOTIFI CATION | Dose Notification Dose Notification: As requested by the new release of the standard IEC 60601 3rd edition, the SOMATOM Definition AS provides the ability to set dose reference values (CTDIvol, DLP) for each scan range. If these reference values are exceeded the Dose Notification window informs the user. | |
| 1 | FAST_ADJUST | FAST Adjust FAST Adjust: assists the user to handle system settings in a fast and easy way by automatically solving of conflicts within user defined limits by one single click on the FAST Adjust button. The limits for scan time and tube current per scan are defined via the Scan Protocol Assistant. FAST Adjust offers an undo functionality to return to previously set values. | |
| 1 | FAST_SCAN_A SSIST | FAST Scan Assistant FAST Scan Assistant: An intuitive user interface for solving conflicts by changing the scan time, resp. the pitch and/or the maximum tube current manually. | |
| 1 | PSPD250480Y 3K | Surge Protective Device (SPD) | |

Incidental Services for SOMATOM Definition Flash on Quote Nr. 1-IIH2ZD Rev. 2

Project #2016-1812, Sensation 64, Deinstall 10/2017 no value

Offset Part CT_ADD_32 One Additional Onsite Training 32 hours

Offset Part 14428168 Additional User Manual

Inbound Additional Rigging

One complimentary biomedical tuition is included with the purchase of this system. This training must be completed before the end of the warranty period.

This educational offering must be completed by the later of (12) months from purchase of training or if applicable, completion of installation. If training is not completed within the applicable time period, Siemens obligation to provide the training will expire without refund.

OPTIONS on Quote Nr:

1-IIH2ZD Rev. 2

| Qty | Part No. | Item Description | Extended Price | Initial to Accept |
|-----|----------|---|----------------|-------------------|
| 1 | 14443940 | syngo.CT Coronary Analysis #1 syngo.CT Coronary Analysis for quantitative assessment of coronary arteries. | | |
| 1 | 14443948 | syngo.CT CaScoring #1 syngo.CT CaScoring for quick risk assessment and coronary age calculation | | |
| 1 | 14443944 | syngo.CT Cardiac Function #1 syngo.CT Cardiac Function for left ventricular functional assessment | | |
| 1 | 14443952 | syngo.CT Cardiac Func. Enhance #1 syngo.CT Cardiac Function - Enhancement facilitates assessment of myocardial perfusion. | | |
| 1 | 14443955 | syngo.CT Cardiac Func. RVA #1 syngo.CT Cardiac Function - Right Ventricle is an CT Cardiac Function workflow module extension for right ventricular functional assessment | | |
| 1 | 14443987 | syngo.CT Neuro DSA #1 syngo.CT Neuro DSA allows for bone-free evaluation of the neuro vasculature. Main indications are the diagnostic evaluating of neurovascular disease (e.g. aneurysms & stenosis) and planning interventional treatment (e.g. coiling and stenting). | | |
| | | Users Licenses: 1 | | |
| 1 | 14443980 | syngo.CT Neuro Perfusion #1 syngo.CT Neuro Perfusion visualizes blood perfusion in the brain. This can help in acute ischemic stroke to estimate the extent of tissue at risk to infarct (penumbra) that is potentially salvageable with further therapy. In brain tumors, blood brain barrier disturbances can be visualized which may improve differential diagnosis and could be helpful in therapy monitoring. | | |
| | | User License: 1 | | |
| 1 | 14444015 | syngo.CT Colonography PEV #1 syngo.CT Colonography PEV (Polyp Enhanced Viewing) is a fully automated computer assisted second reading tool for improved detection of colon polyps. | | |
| 1 | 14444052 | syngo.CT Segmentation #1 syngo.CT Segmentation provides automated segmentation and evaluation of lesions in lung, liver, lymph nodes and other organs. In addition further quantifications are provided like Choi criteria and Advanced HU Statistics. | | |
| 1 | 14444023 | syngo.CT Lung CAD #1 syngo.CT Lung CAD provides Computer Aided Detections of solid pulmonary nodules of the lung. Results are presented in syngo.via or - powered by Rapid Results Technology - directly in the PACS. | | |

| Qty | Part No. | Item Description | Extended Price | Initial to Accept |
|-----|----------|--|----------------|-------------------|
| 1 | 14444060 | syngo.CT Onco Func.-Hepatic AEF #1 syngo.CT Onco Function - Hepatic AEF provides a dedicated color-coded visualization of arterial enhancement fraction (AEF) values. All of these values are preprocessed and calculated from routine abdominal multiphase CT examinations. The data of the unenhanced scan as well as the arterial, and the portal venous phase of the routine multiphase acquisition are utilized by the AEF algorithm - no additional scan or dose is applied to the patient. | | |
| 1 | 14444086 | syngo.CT DE Heart PBV #1 syngo.CT DE Heart PBV visualizes the iodine concentration in the myocardium to reveal perfusion defects. | | |
| 1 | 14446438 | syngo.MR Neuro fMRI #1 syngo.MR Neuro fMRI is a workflow oriented visualization package for BOLD fMRI. It enables the visualization of task-related areas of activation overlaid onto 2D or 3D anatomical datasets, providing the spatial correspondance of BOLD results with cortical landmarks or brain lesions. Image-based registration and multi-contrast evaluation are also available. Functional and anatomical image data can be exported for surgical planning as DICOM datasets. | | |
| 1 | 14446498 | syngo.MR Tractography #1 syngo.MR Tractography enables the representation of diffusion paths of the human brain based on diffusion tensor imaging. syngo.MR Tractography supports operation planning and is suitable for neurophysiological research in relation to cortical networking and pathologies of the white matter. | | |
| 1 | 14446456 | syngo.MR 3D Lesion Segmentation #1 syngo.MR 3D Lesion Segmentation provides convenient volumetric evaluation of lesions. This is particularly useful for oncology applications (e.g. volumetric evaluation of tumors, lymph nodes and metastases), but also for non-oncology lesions with sufficient contrast to surrounding tissue. The initial 3D boundary of a lesion is calculated basing on a brush-based method or a user-defined bounding box. If necessary, the initial boundary can further be improved by intuitive editing tools up to the desirable shape. | | |
| 1 | 14444094 | syngo.CT DE Virtual Unenhanced #1 syngo.CT DE Virtual Unenhanced helps to characterize liver lesions by offering an enhanced and a virtual unenhanced image based on a single scan. | | |
| 1 | 14444102 | syngo.CT DE Gout #1 syngo.CT DE Gout facilitates a reliable diagnosis of gout by visualizing deposited uric acid crystals in peripheral extremities and automatically color-coding these crystals. | | |
| 1 | 14444117 | syngo.CT DE Bone Marrow #1 syngo.CT DE Bone Marrow allows for the segmentation and visualization (color-coding) of the bone marrow based on a material decomposition into bone marrow and calcium. | | |
| 1 | 14444111 | syngo.CT DE Monoenergetic Plus #1 The Dual Energy application syngo.CT DE Monoenergetic Plus allows users to display monoenergetic images for a range of 40-190 keV. | | |
| 1 | 14447208 | syngo.CT DE Hardplaque Display #1 syngo.CT DE Harplaque Display enables the identification (color-coding) and automatic removal of calcifications from a Dual Energy CTA image. This application enables the evaluation of Dual Source Dual Energy and Twin Beam Dual Energy data. | | |

| Qty | Part No. | Item Description | Extended Price | Initial to Accept |
|-----|----------|--|----------------|-------------------|
| 1 | 14444066 | syngo.CT DE Direct Angio #1 syngo.CT DE Direct Angio provides a one-click removal of bone structures even in complicated anatomical regions, e.g. base of the skull. | | |
| 1 | 14444090 | syngo.CT DE Lung Analysis #1 syngo.CT DE Lung Analysis allows the color-coding of vessels that are affected, e.g. by pulmonary emboli and therefore show a significantly lower perfusion than non-affected vessels. It also enables a fast evaluation of perfusion defects in the lung parenchyma without an additional non-contrast scan. | | |
| 1 | 14444078 | syngo.CT DE Calculi Charact. #1 syngo.CT DE Calculi Characterization allows to visualize chemical differences in kidney stones. The Kidney Stone Navigator makes it easy to navigate through the potential stones. | | |
| 1 | 14444070 | syngo.CT DE Brain Hemorrhage #1 The application syngo.CT DE Brain Hemorrhage assists you to visualize iodine concentration and distribution in the brain. syngo.CT DE Brain Hemorrhage aids in the differentiation of hemorrhages and iodine uptaking lesions. | | |
| 1 | 14444140 | syngo.CT DE Advanced Package #1 The syngo.CT Dual Energy Advanced Package includes all Dual Energy Applications that are available for syngo.via. | | |