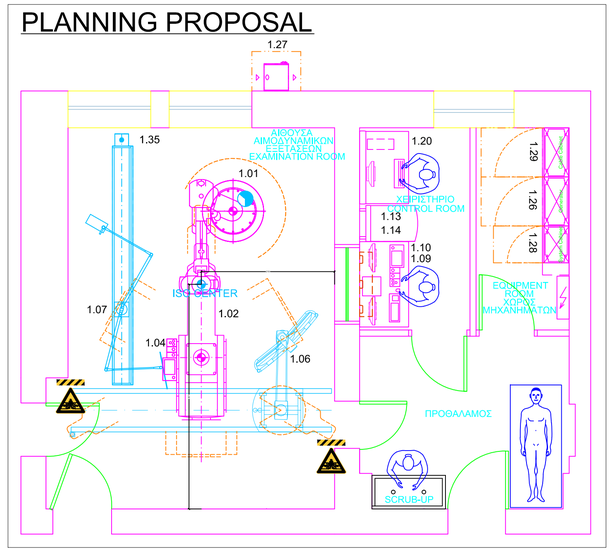
Γενικό σχέδιο κάτοψης



Artis zee floor – Equipment Legend				
Pos.	**Description**	**Weight**	**Heat dissipation to the air**	**Remark**
		kg	**W**	
1.01	Floor stand	665	200	
1.02	Patient table	452	200	
1.04	Control console and ECC I on patient table	4		
1.06	Ceiling stand DCS 3	251	225	#1
1.07	Upper body radiation shield with LED OR - light, moveable	85		optional
1.09	Console for control elements and monitors	60		optional
1.10	Control room distributor	29	100	
1.11	Workplace Display with keyboard	10	75	
1.13	AXIS image system	150	1270	
1.14	UPS for image system	51	100	optional
1.15	ACE	6		
1.20	X Workplace	35	450	optional
1.26	Generator POLYDOROS A100 Plus	300	1000	
1.27	Cooling unit	31	2400	
1.28	System control cabinet	270	1600	
1.29	Cable cabinet	120		optional
1.35	External transformer OR-Lamp			optional
#1 Including 4.25 m longitudinal rails and system cables				

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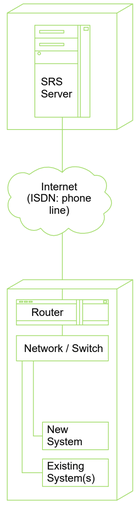
Siemens Remote Service (SRS) and Network Integration



Siemens AG Healthcare Sector

Siemens Remote Services (SRS) is an efficient way for the remote maintenance for your medical systems.
Remote diagnostics as well as remote service are providing highest system availability.
For SRS a broadband or DSL- connection to the internet is needed.
If an internet connection cannot be realized, an ISDN phone line can be used with some restrictions.

Needed:

- Broadband connection (min. 768/128 kBit/s)
- Router (For exclusive use with SRS, a router can be obtained from Siemens without charge)
- Flat rate (without time or volume restrictions)

Data protection and security is defined in the Siemens Remote Service Security Concept.

Customer

Network

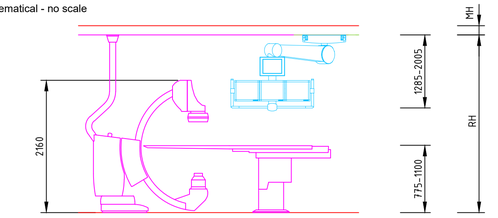
The Siemens components are supporting the TCP/IP protocol.
Recommended is the use of a 10/100/1000 Mbit/s switched Fast Ethernet.
Keep in mind that the required network cables (minimum requirements: CAT 5 TP) must be provided on site.
Media converters are necessary when fiber optic cable is used.
(Not part of the Siemens scope of delivery)

Network connection

To prepare the implementation of the new system into the existing network environment, the availability of the needed network data at least two weeks before starting the installation is mandatory.
This is the only way to ensure a seamless integration of the new system into the workflow of the department.

Room height

Schematical - no scale



Room height (RH): DCS single row: 2500 to 3100 mm / DCS two-rowed: 2900 to 3100 mm. Measured from the highest point of the finished floor (incl. floor covering) to the lowest point of the ceiling substructure.

Required minimum height (MH) 150 mm in suspended ceiling for corrugated hose holder and cable routing.

Transport

The transport route (doors and hallway) needs sufficient dimensions for the following parts:	
Largest crate with packaging with FD 20 x 20	276 x 102 x 209 cm (W x D x H), Weight 1200 kg
Largest crate with packaging with FD 30 x 40	280 x 95 x 202 cm (W x D x H), Weight 1200 kg
Largest single part with transp. carriage with FD 20 x 20	250 x 82 x 190 cm (W x D x H), Weight 760 kg
Largest single part with transp. carriage with FD 30 x 40	262 x 82 x 188 cm (W x D x H), Weight 760 kg
The door must have a final clearance of 125 cm if bed entrance is requested.	
Shocks	max. 10 g / 16 ms
Vibration	max. 0,1 g / 10 to 200 Hz

Environment

Examination and control room	Temperature range Relative humidity	15 to 30 °C (recommended 22 °C) 20 to 75 % non-condensing
Bildsystem	Temperature range Relative humidity Max. temperature gradient Air flow volume Max. noise generation	10 to 35 °C 20 to 75 % non-condensing 10 K / h 850 m³ / h 50 dB(A)
Generator	Temperature range Relative humidity Max. temperature gradient Air flow volume Max. noise generation	10 to 35 °C 20 to 75 % non-condensing 5 K / h 160 m³ / h 55 dB(A)
System-control cabinet 1	Temperature range Relative humidity Max. temperature gradient Air flow volume Max. noise generation	15 to 30 °C 20 to 75 % non-condensing 5 K / h 500 m³ / h 48 dB(A)
System control cabinet 2 (for OR-table only)	Temperature range Relative humidity Max. temperature gradient Air flow volume Max. noise generation	10 to 35 °C 20 to 75 % non-condensing 5 K / h n.a. n.a.
Cooling set company Klüver	Cooling air Air flow volume Max. noise generation	5 to 30 °C, frost-free room 1100 m³ / h 55 dB(A) at 50 Hz, 59 dB(A) at 60 Hz
DCS	Temperature range Relative humidity	10 to 40 °C 20 to 75 % non-condensing
Stand with flat panel detector	Max. temperature gradient Air pressure Schocks Vibrations	5 K / h 700 to 1040 hPa max. 10 g / 16 ms max. 0.1 g / 10 to 200 Hz

Συνοπτική περιγραφή εργασιών που θα πρέπει να έχουν ολοκληρωθεί από το Νοσοκομείο, πριν την εγκατάσταση του συγκροτήματος

1. Μέριμνα για την διέλευση των μηχανημάτων
2. Κατασκευή νέων τοίχων - χωρισμάτων (αν απαιτούνται)
3. Κατασκευή ή ενίσχυση μολυβδοθωράκισης (αν απαιτείται)
4. Τοποθέτηση ενδοδαπέδιων & επιτοίχων καναλιών
5. Τοποθέτηση σχαρών οροφής
6. Κατασκευή υποδομής οροφής με αναρτήσεις ραγών τύπου Unistrut
7. Προετοιμασία δαπέδων - αλφάδιασμα
8. Εγκατάσταση και σύνδεση ηλεκτρολογικού πίνακα
9. Τοποθέτηση αυτοματισμών πίνακα AT & EAT (Διακόπτες ασφαλείας «μανιτάρια», On-Off)
10. Καλώδια παροχής από πίνακα προς μηχανήματα Siemens
11. Λοιπά καλώδια εντολών προς τα μηχανήματα Siemens (βλ. σχέδιο πίνακα)
12. Ενδεικτική(ές) λυχνία(ες) ακτινοβολίας
13. Πρίζα RJ45 με σύνδεση σε δίκτυο δεδομένων & internet (για remote service)
14. Εγκατάσταση κλιματισμού - αερισμού σε όλους τους χώρους
15. Ψευδοροφές & Φωτισμός
16. Ελαιοχρωματισμοί & ολοκληρωση εργασιών χώρου

Η ημερομηνία ολοκληρωσης των παραπάνω εργασιών, θα πρέπει να κοινοποιηθεί στην Siemens τουλάχιστον ένα μήνα νωρίτερα, προκειμένου να προγραμματιστεί η άφιξη και εγκατάσταση του συγκροτήματος αποφεύγοντας καθυστερήσεις.

Πινακίδα 1/4: Γενικές Πληροφορίες

First creation	Alevras P. 5/2019				
Creation / Modification (♦)	Edited	Sign.	Checked	Sign.	

SIEMENS Healthineers

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ΤΖΑΝΕΙΟ ΓΕΝ.ΝΟΣ.

ΠΕΙΡΑΙΑΣ

ARTIS Zee Floor

Room height finished floor to
Concrete Ceiling
Suspended Ceiling

Scale 1:50

Based on PG: AXA4-050.891.01.03.02