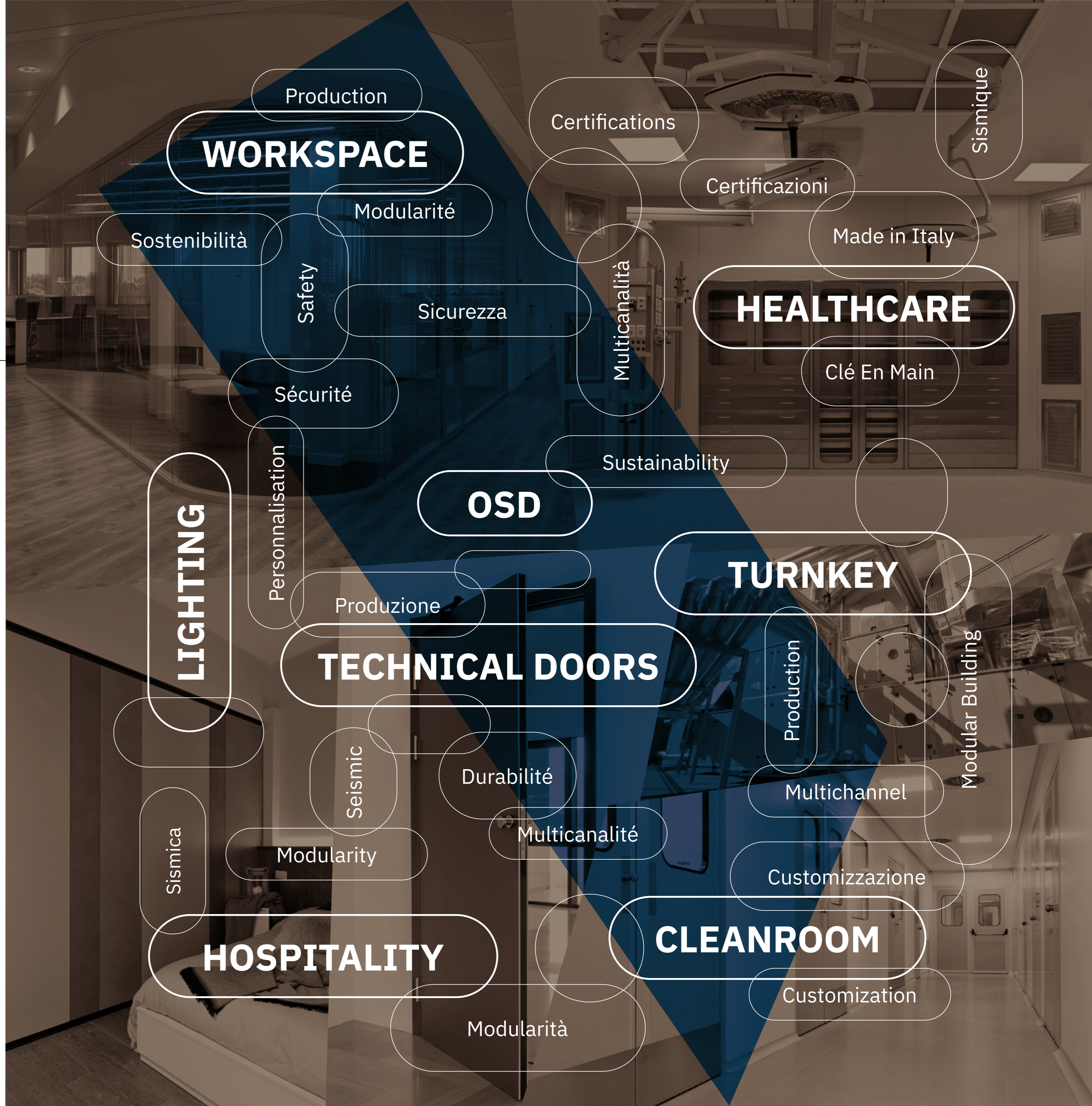


## Company profile

The sign of safety



### WORKSPACE

Production

Certifications

Sismique

Certificazioni

Made in Italy

Sostenibilità

Modularité

Safety

Sicurezza

Multicanalità

### HEALTHCARE

Clé En Main

Sécurité

Sustainability

### LIGHTING

Personnalisation

### OSD

### TURNKEY

Produzione

### TECHNICAL DOORS

Production

Modular Building

Seismic

Durabilité

Multichannel

Sismica

Modularity

Multicanalità

Customizzazione

### HOSPITALITY

### CLEANROOM

Customization

Modularità



# Noi, We, Nous



Mangini Headquarter, Putignano

Mangini Group è una realtà industriale a livello internazionale, con 68 anni di presenza sul mercato, che progetta, produce e installa pareti mobili, sistemi di prefabbricazione modulare, complementi e impianti High Tech con tecnologie innovative specifiche per i diversi settori di intervento. Tutti i prodotti di Mangini Group hanno certificazione antisismica, antincendio, acustica e ambientale. Mangini Group opera nel settore farmaceutico con Nicomac Cleanroom - OSD equipment, nel settore sanitario con Mangini Healthcare, nel settore illuminotecnico con Mangini Lighting, nel settore terziario con Mangini Workspace, nel settore delle porte e dei sistemi tecnici di chiusura con la divisione Technical Doors, nell'ospitalità con Mangini Hospitality e, con la divisione Acotec, offre soluzioni turnkey in tutti gli ambiti di intervento della Mangini Group. Con l'acquisizione di Nicomac, leader per i sistemi di cleanroom modulari in ambienti a contaminazione controllata per le industrie farmaceutiche, healthcare e life science, e unica azienda del settore che progetta e realizza impianti hi-tech per il processo di rivestimento e granulazione per il settore farmaceutico e nutraceutico, Mangini Group ha raggiunto l'obiettivo di creare nuove sinergie e economie di scala e si presenta sul mercato internazionale come uno dei più importanti attori. Mangini Group, con l'acquisizione di Nicos USA, ha creato un hub per il mercato nordamericano finalizzato allo sviluppo, alle vendite, alla promozione dei prodotti e dei sistemi delle divisioni del gruppo. La nuova divisione Mangini Lighting nasce dall'incorporazione di Forlight, azienda italiana specializzata nella produzione di lampade e soluzioni illuminotecniche per il settore medicale, ospedaliero e cleanroom. L'integrazione verticale è nata dalla volontà del gruppo di presentarsi sul mercato offrendo soluzioni sempre più integrate, qualitative e competitive.

modular prefabrication systems, high-tech accessories and installations with innovative technologies specific to different areas of intervention. All Mangini Group products have seismic, fire, acoustic and environmental certification. Mangini Group operates in the pharmaceutical sector with Nicomac Cleanroom - OSD equipment, in the healthcare sector with Mangini Healthcare, in the lighting sector with Mangini Lighting, in the tertiary sector with Mangini Workspace, in the sector of doors and locking technical systems with Technical Doors division, in the hospitality with Mangini Hospitality and, with Acotec division, provides turnkey solutions in all areas of intervention of Mangini Group. With the acquisition of Nicomac, Mangini Group has achieved the objective of creating new synergies and economies of scale and presents itself on the international market as one of the most important players. Nicomac is a leader in the modular cleanroom systems in controlled contamination environments for the pharmaceutical, healthcare and life science industries, and it is the only company in the sector

which designs and creates hi-tech installations for the coating and granulation process for the pharmaceutical and nutraceutical sector. Mangini Group, with the acquisition of Nicos USA, has created a hub for the North American market aimed at the development, sales, products and systems promotion of the Group divisions. The new Mangini Lighting Division originates from the incorporation of Forlight, an Italian company specialized in the production of lamps and lighting solutions for the healthcare, hospital and cleanroom sector. The vertical integration is the result of the group's desire to present itself on the market by providing increasingly integrated, qualitative and competitive solutions.

[FR] Mangini Group avec 68 ans de présence sur le marché, est une réalité industrielle qui conçoit, produit et installe cloisons amovibles, systèmes de préfabrication modulaires, compléments et installations de haute technologie avec des technologies innovantes spécifiques aux différents secteurs d'intervention. Tous les produits de Mangini Group ont la certification antisismique, de résistance au feu, acoustique et environnemental. Mangini Group intervient dans le secteur pharmaceutique avec Nicomac Cleanroom - OSD equipment, dans le secteur de la santé avec Mangini Healthcare, dans le secteur de l'éclairage avec Mangini Lighting, dans le secteur tertiaire avec

[EN] With 68 years of presence in the market, Mangini Group is an international industrial company which designs, produces and installs mobile partitions,

Nicomac Headquarter, Liscate



Mangini Workspace, dans le secteur des ports et des systèmes techniques de fermeture avec la division Technical Doors, dans l'hôtellerie avec Mangini Hospitality et, avec la division Acotec, propose des solutions clés en main dans tous les domaines d'intervention de Mangini Group. Avec l'acquisition de Nicomac, Mangini Group a atteint l'objectif de créer des nouvelles synergies et économies d'échelle et se présente sur le marché international comme l'un des acteurs les plus importants. Nicomac est leader des systèmes de cleanroom modulaires dans les environnements à contamination contrôlée pour les industries pharmaceutiques, de la santé et life science, et la seule entreprise du secteur qui crée et construit des systèmes de haute technologie pour le processus de revêtement et de granulation pour le secteur pharmaceutique et nutraceutique. Mangini Group, avec l'acquisition de Nicos USA, a créé un centre pour le marché nord-américain destiné au développement, aux ventes et à la promotion des produits et systèmes des divisions du groupe. La nouvelle division Mangini Lighting est née de l'incorporation de Forlight, une entreprise italienne spécialisée dans la production de lampes et de solutions d'éclairage pour les secteurs de la santé, hospitalier et cleanroom. L'intégration verticale est née de la volonté du groupe de se présenter sur le marché en proposant des solutions de plus en plus intégrées, qualitatives et compétitives.



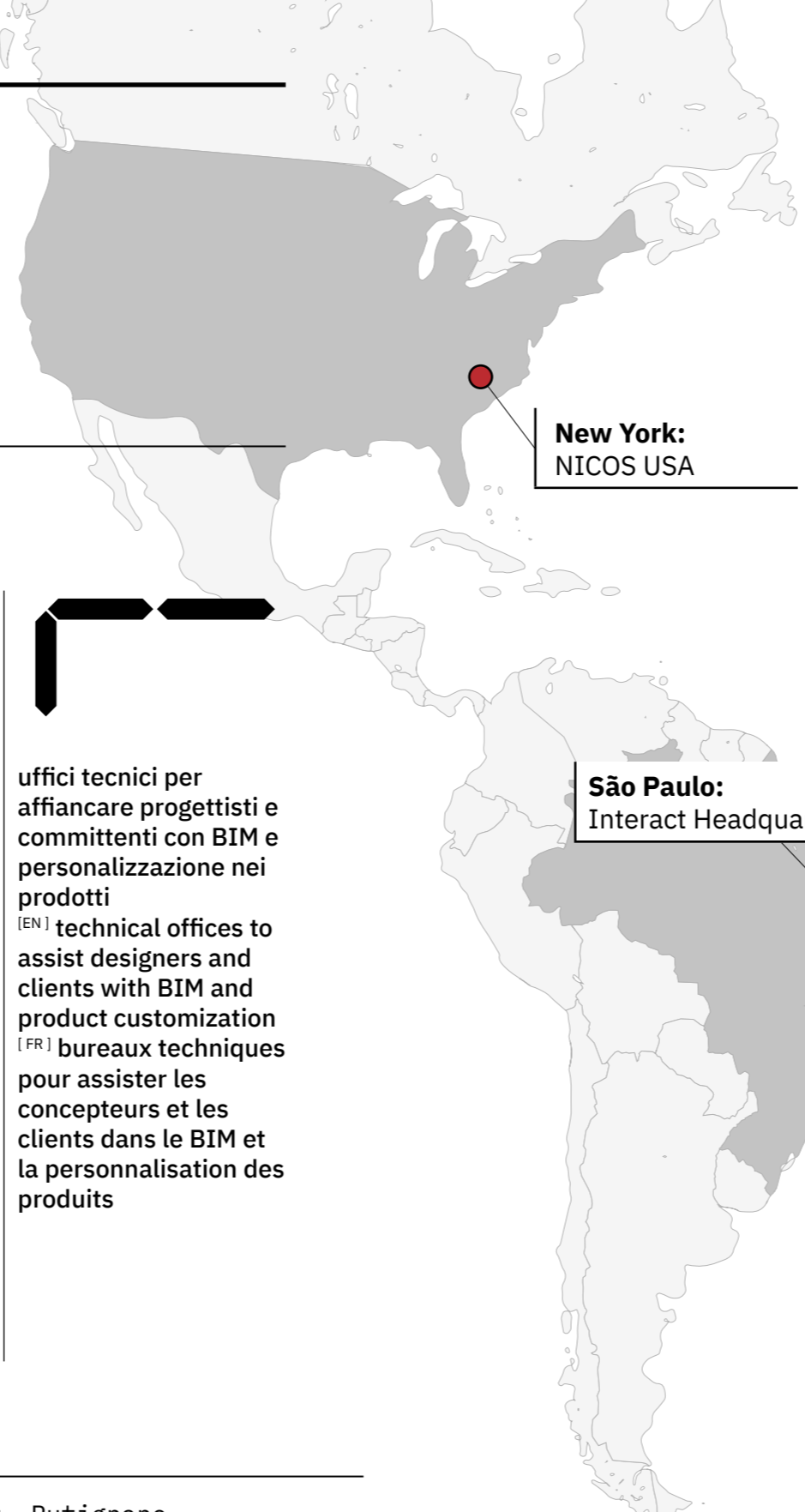
7

uffici tecnici per affiancare progettisti e committenti con BIM e personalizzazione nei prodotti

[EN] technical offices to assist designers and clients with BIM and product customization

[FR] bureaux techniques pour assister les concepteurs et les clients dans le BIM et la personnalisation des produits





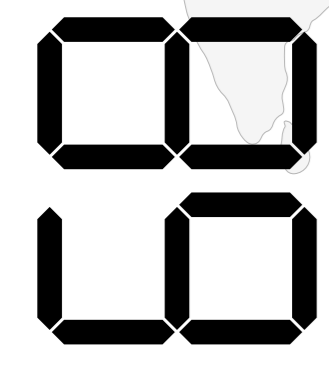
**New York:**  
NICOS USA

**São Paulo:**  
Interact Headquarter, Production

**Paris:**  
Mangini France Headquarter

**Yerevan:**  
Acotec Armenia Headquarter, Showroom

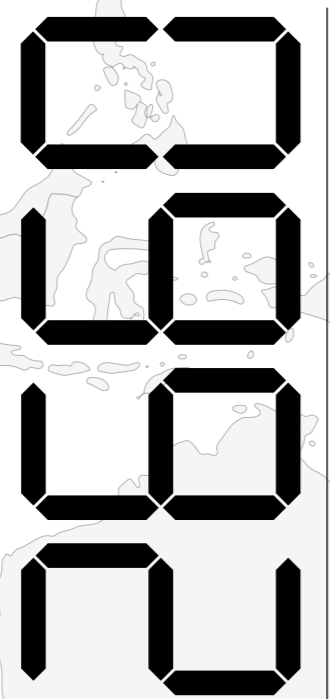
**Delhi:**  
Mangini India Headquarter



anni di storia  
[EN] 68 years of history  
[FR] 68 ans d'histoire

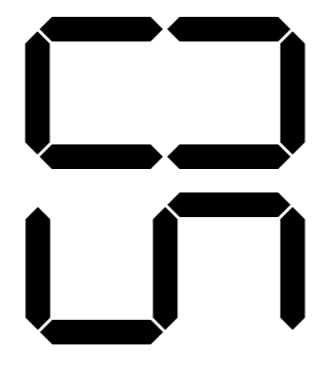


persone  
[EN] people  
[FR] personnes



progetti  
[EN] projects  
[FR] projets

al mondo per antisismica  
[EN] 1<sup>st</sup> in the world in seismic  
[FR] 1<sup>er</sup> mondial en antisismique



uffici tecnici per affiancare progettisti e committenti con BIM e personalizzazione nei prodotti  
[EN] technical offices to assist designers and clients with BIM and product customization  
[FR] bureaux techniques pour assister les concepteurs et les clients dans le BIM et la personnalisation des produits

macchinari per la lavorazione di acciaio, alluminio, vetro, legno con tecnologia 4.0  
[EN] machines for the processing of steel, aluminum, glass, wood with 4.0 technology  
[FR] machines pour le traitement de l'acier, de l'aluminium, du verre, du bois avec la technologie 4.0

Mangini Headquarter, Putignano



- |   |   |
|---|---|
| 1 | 3 |
| 2 | 4 |
| 5 | 6 |
| 7 |   |

1. Stabilimento Nicomac
2. Stabilimento Mangini Lighting
3. Showroom - Milano
4. Ferrara Acotec Turnkey Division
5. Nicos - New York
6. Showroom - Roma
7. Showroom - Putignano

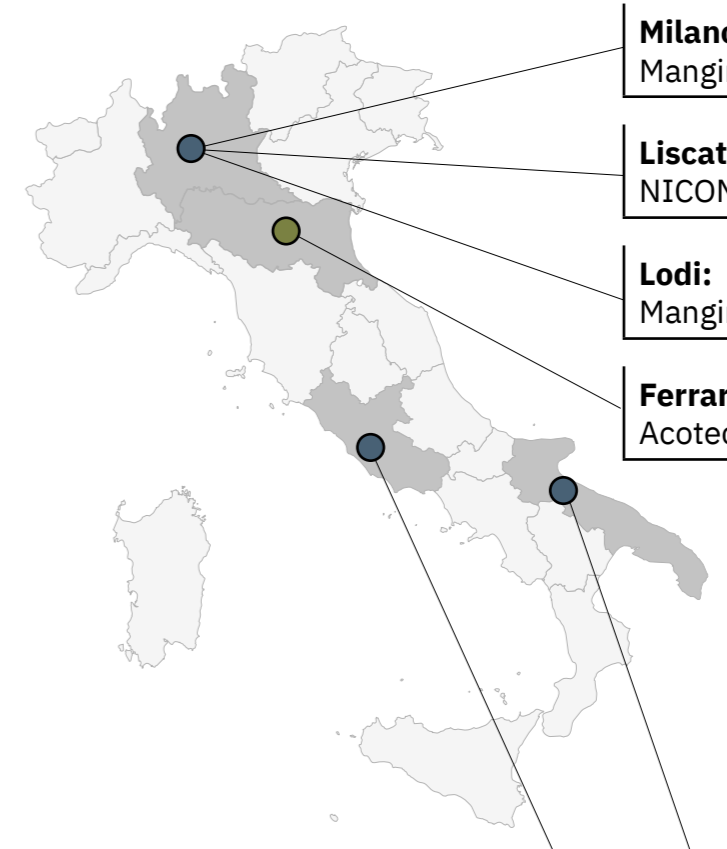


## Mangini nel mondo

Presenza internazionale: sedi in Italia, Francia, Armenia, Brasile e India

[EN] **Mangini in the world**  
International presence: offices in Italy, France, Armenia, Brazil and India

[FR] **Mangini dans le monde**  
Présence internationale: bureaux en Italie, France, Arménie, Brésil et Inde



**Milano:**  
Mangini Sales Management, Showroom

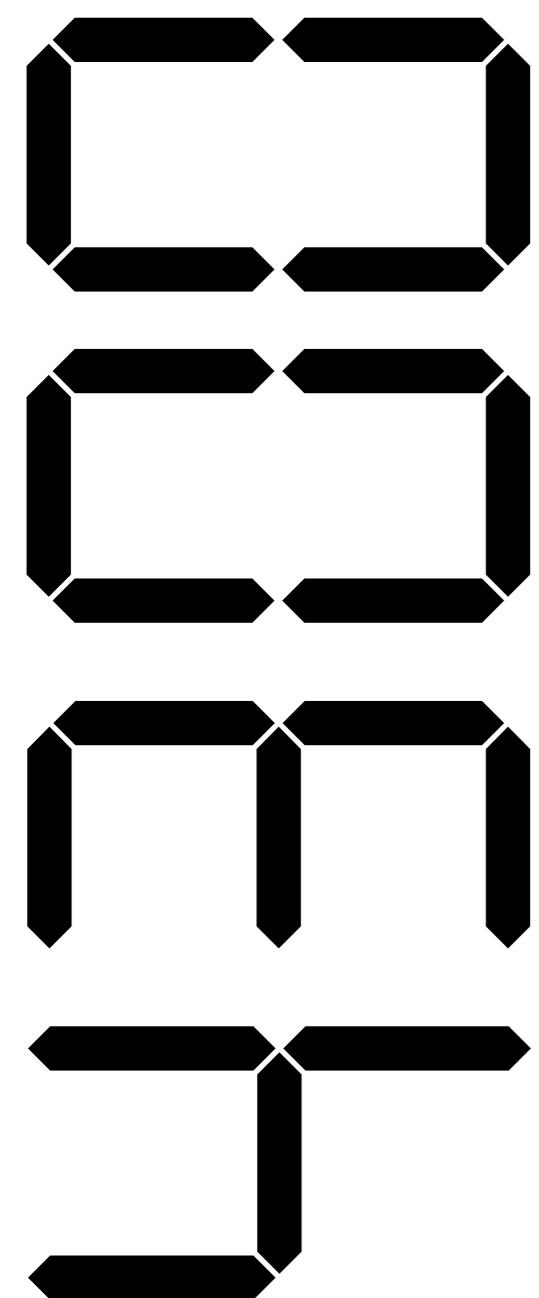
**Liscate:**  
NICOMAC

**Lodi:**  
Mangini Lighting

**Ferrara:**  
Acotec Turnkey Division

**Roma:**  
Mangini Sales Management, Showroom

**Putignano:**  
Mangini Group Headquarter, Production, Showroom



clienti  
[EN] customers  
[FR] clients

## Made in Italy dal 1956.

Massimo Mangini nel 2013 prende in mano la conduzione dell'azienda fondata da suo padre portandola negli anni a diventare un gruppo leader nei sistemi di partizione.

## Made in Italy since 1956.

In 2013 Massimo Mangini took over the management of the company founded by his father, leading it over the years to become a leading group in partitioning systems.

## Fabriqu  en Italie depuis 1956.

Massimo Mangini a repris en 2013 la direction de l'entreprise fond e par son p re, l'amenant au fil des ann es   devenir un groupe leader dans les syst mes de cloisonnement.



The sign  
of safety

# 180

certificazioni  
[EN] certifications  
[FR] certifications

## ANTISISMICA

Rotazione rispetto alla corda  
Risultato: 1,57%  
Accelerazione fuori dal piano  
Risultato: 4 g

## SEISMIC

Rotation to the rope  
Result: 1,57%  
Acceleration out of the plane  
Result: 4 g

## ANTISISMIQUE

Rotation par rapport à la corde  
Résultat: 1,57%  
Accélération hors du plan  
Résultat: 4 g

## ACUSTICA

Fino a Rw 53 dB: isolamento acustico su pareti cieche  
(UNI EN ISO 10140-2:2010)  
Fino a Rw 47 dB: isolamento acustico su pareti vetrate  
(UNI EN ISO 10140-2:2010)

## ACOUSTIC

Until Rw 53 dB: acoustic insulation on solid partitions  
(UNI EN ISO 10140-2:2010)  
Until Rw 47 dB: acoustic insulation on glazed partitions  
(UNI EN ISO 10140-2:2010)

## ACOUSTIQUE

Jusqu'à Rw 53 dB: isolation acoustique sur cloisons pleines  
(UNI EN ISO 10140-2:2010)  
Jusqu'à Rw 47 dB: isolation acoustique sur cloisons vitrées  
(UNI EN ISO 10140-2:2010)

## ANTINCENDIO

EI 60: resistenza al fuoco  
(UNI EN 13501-2:2009)  
Classe A1: reazione al fuoco SBI  
(UNI EN 13501-1:2009)

## FIRE PROTECTION

EI 60: fire resistance  
(UNI EN 13501-2:2009)  
Class A1: fire reaction SBI  
(UNI EN 13501-1:2009)

## PROTECTION INCENDIE

EI 60: résistance au feu  
(UNI EN 13501-2:2009)  
Classe A1: réaction au feu SBI  
(UNI EN 13501-1:2009)

## AMBIENTALE

UNI EN ISO 14001:2015  
Classe A: emissione di composti organici volatili VOC (ISO 16000-9:2006)

## ENVIRONMENTAL

UNI EN ISO 14001:2015  
CLASS A: emission of volatile organic compounds VOC (ISO 16000-9:2006)

## ENVIRONNEMENTAL

UNI EN ISO 14001:2015  
CLASSE A: émission de composés organiques volatils COV (ISO 16000-9:2006)

## Certificazioni / Certifications / Certifications



Dasa - Rägister  
UNI EN ISO 14001:2015  
IE-0319-01



Dasa - Rägister  
UNI EN ISO 9001:2015  
IQ-1014-04



## Requisiti leed / Leed requirements / Exigences leed

| Contaminante<br>Contaminant<br>Contaminant                     | Limite Leed di emissione<br>Leed emission limit<br>Limite d'émission Leed | Parametri certificati Planika Steel<br>Planika Steel certified parameters<br>Paramètres certifiés Planika Steel |
|--|---|---|
| TVOC / TVOC / TVOC   | 0,5 mg/mc   | 0,004 mg/mc   |
| Formaldeide / Formaldehyde / Formaldéhyde                      | 0,062 mg/mc   | 0,021 mg/mc   |
| Totale Aldeidi / Total aldehydes / Aldéhydes totaux            | 0,124 mg/mc   | 0,044 mg/mc   |
| 4 Fenicicloesene (4-PCH) / Phenicyclohexene / Phénicyclohexène | 0,0065 mg/mc  | 0 mg/mc   |

Le certificazioni si riferiscono a determinati prodotti. Per conoscere le caratteristiche di ogni prodotto, richiedere la scheda tecnica.  
The certifications refer to certain products. To know the characteristics of each product, ask for the technical data sheet.  
Les certifications font référence à certains produits. Pour connaître les caractéristiques de chaque produit, demandez la fiche technique.

SOA - attestazione di qualificazione alla esecuzione dei lavori pubblici  
SOA - certificate of qualification for the execution of public works  
SOA - certificat de qualification pour l'exécution de travaux publics  
**UNI EN ISO 9001:2015**  
**UNI EN ISO 14001:2015**

## Antisismica

Grande esperienza nella progettazione e produzione di pareti mobili e complementi ad alto contenuto tecnologico.

[EN]

## Seismic

Great experience in the design and production of mobile partitions and high-tech accessories.

[FR]

## Antisismique

Grande expérience dans la conception et la réalisation de cloisons amovibles et d'accessoires high-tech.



Test sismici alla Federico II di Napoli

[EN]

Seismic tests at the Federico II University of Naples

[FR]

Tests sismiques à l'Université Federico II de Naples

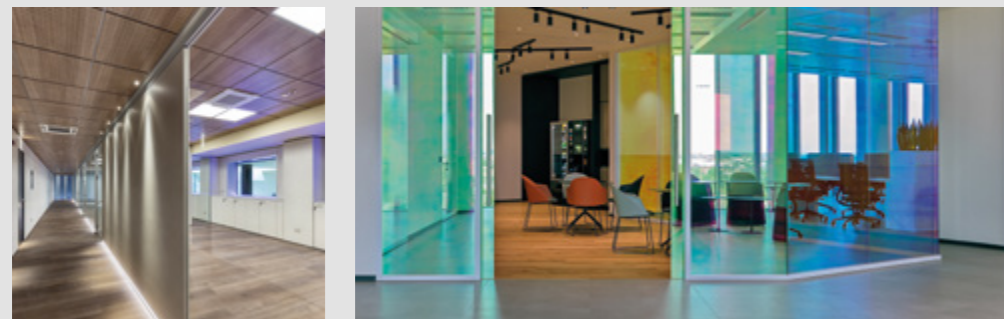


What we do  
Ce que nous  
faisons

# COSA FACCIAMO



Workspace



Technical  
doors



Hospitality



Cleanroom



Lighting



Healthcare

Turnkey





# Costruire per il futuro

Building for the future

Bâtir pour l'avenir



**Flux One** è il sistema di pareti mobili divisorie a doppia vetrata continua con profilo guida universale che consente l'inserimento di pannelli ciechi.

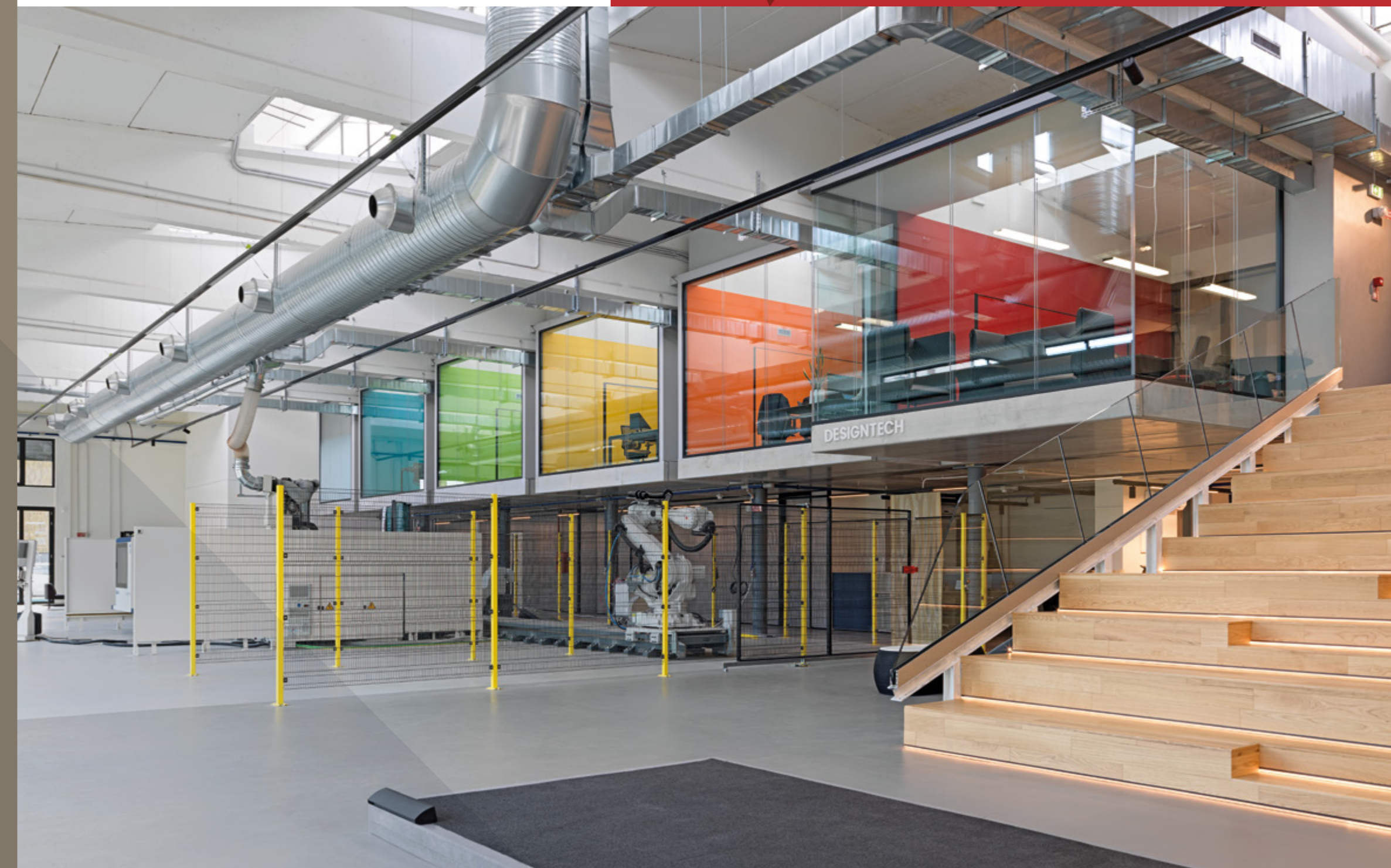
[EN]

**Flux One** is the system of dividing mobile partitions with continuous double glazing with a universal rail profile that allows the insertion of solid panels.

[FR]

**Flux One** est le système de séparation des cloisons amovibles à double vitrage continu avec un profil de lisse universel qui permet l'insertion de panneaux pleins.

Workspace







**Flux Mono** è la parete mobile a vetro singolo e cieca realizzata con profilo in alluminio anodizzato o verniciato.

[ EN ]

**Flux Mono** is the single glass and solid mobile partition made with anodized or painted aluminum profile.

[ FR ]

**Flux Mono** est la cloison amovible monobloc vitrée et pleine réalisée avec le profilé en aluminium anodisé ou peint.



**MANGINI**  
WORKSPACE



## Workspace

**Planika** è la linea di pareti mobili con sistema di fissaggio a scomparsa ad alto contenuto tecnologico, realizzata con differenti finiture e materiali al fine di rispondere a tutte le diverse necessità di progetto.

[ EN ]

**Planika** is the line of mobile partitions with a concealed fixing system and a high technological content, made with different finishes and materials in order to meet all different project needs.

[ FR ]

**Planika** est la ligne de cloisons amovibles avec système de fixation dissimulé et haut contenu technologique, réalisée avec différentes finitions et matériaux afin de répondre à toutes les différentes exigences du projet.







**Teka** ha due linee di prodotti per assolvere alle necessità nei workspace di avere armadiature e contenitori funzionali: pareti divisorie attrezzate e attrezzamento di parete.

[EN]

**Teka** has two product lines to meet the needs in workspaces to have functional cabinets and containers: equipped partitions and partition equipment.

[FR]

**Teka** propose deux gammes de produits pour répondre aux besoins des espaces de travail d'avoir des armoires et des conteneurs fonctionnels: cloisons équipées et équipement de cloison.

# Workspace

Interior design



Meeting Room  
Phone Booth







**MANGINI**  
HEALTHCARE



Healthcare







**Planika Health** è il nostro sistema di pareti mobili Healthcare progettato per le sale operatorie, spazi sanitari e ospedalieri con struttura modulare e flessibile, integrata con gli impianti meccanici ed elettrici, che consente il mantenimento di un'elevata efficienza in termini di riduzione dei rischi di contaminazione.

[EN]

**Planika Health** is our Healthcare mobile partitions system designed for operating theaters, healthcare and hospital spaces with a modular and flexible structure, integrated with mechanical and electrical systems, which allows the maintenance of high efficiency in terms of reducing the risk of contamination.

[FR]

**Planika Health** est notre système de cloisons amovibles Healthcare conçu pour les salles d'opération, les espaces de soins de santé et hospitaliers avec une structure modulaire et flexible, intégrée aux systèmes mécaniques et électriques, qui permet de maintenir une efficacité élevée en termes de réduction du risque de contamination.



Healthcare





**Kybos** è la linea di pareti mobili realizzata per cleanroom e laboratori con struttura in alluminio e pannelli sandwich modulari autoportanti a scomparsa e controsoffitti per ambienti a contaminazione controllata. I pannelli, aventi spessore 45 e 62 mm, rispondono a elevati standard di tenuta, di coplanarità, di resistenza meccanica agli urti, di resistenza agli agenti chimici e di reazione al fuoco con bassa emissione di fumi.

[EN]

**Kybos** is the line of mobile partitions made for cleanrooms and laboratories with an aluminum structure and modular self-supporting retractable sandwich panels and false ceilings for controlled contamination environments. The panels, having a thickness of 45 and 62 mm, meet high standards of tightness, coplanarity, mechanical resistance to impacts, resistance to chemical agents and reaction to fire, with low smoke emission.

[FR]

**Kybos** est la ligne de cloisons amovibles conçue pour les cleanrooms et les laboratoires avec une structure en aluminium et des panneaux sandwich rétractables autoportants modulaires et des faux plafonds pour les environnements à contamination contrôlée. Les panneaux, d'une épaisseur de 45 et 62 mm, répondent à des normes élevées d'étanchéité, de coplanarité, de résistance mécanique aux chocs, de résistance aux agents chimiques et de réaction au feu, avec une faible émission de fumée.

# Cleanroom



**CLEANROOM  
OSD EQUIPMENT**





**Kybos Easy** è la linea di pareti mobili per ambienti a contaminazione controllata con struttura in acciaio zincato e pannelli sandwich modulari autoportanti a scomparsa. I pannelli hanno spessore 45 e 62 mm. L'utilizzo di profili pressopiegati consente di personalizzare le misure e di adeguarle alle esigenze del cliente.

[EN]

**Kybos Easy** is the line of mobile partitions for controlled contamination environments with galvanized steel structure and modular self-supporting retractable sandwich panels. The panels have a thickness of 45 and 62 mm. The use of bent profiles allows you to customize the measures and adapt them to the customer's needs.

[FR]

**Kybos Easy** est la ligne de cloisons amovibles pour environnements à contamination contrôlée avec structure en acier galvanisé et panneaux sandwich rétractables autoportants modulaires. Les panneaux ont une épaisseur de 45 et 62 mm. L'utilisation de profils pliés vous permet de personnaliser les mesures et de les adapter aux besoins du client.



**Cleanroom**





PHD

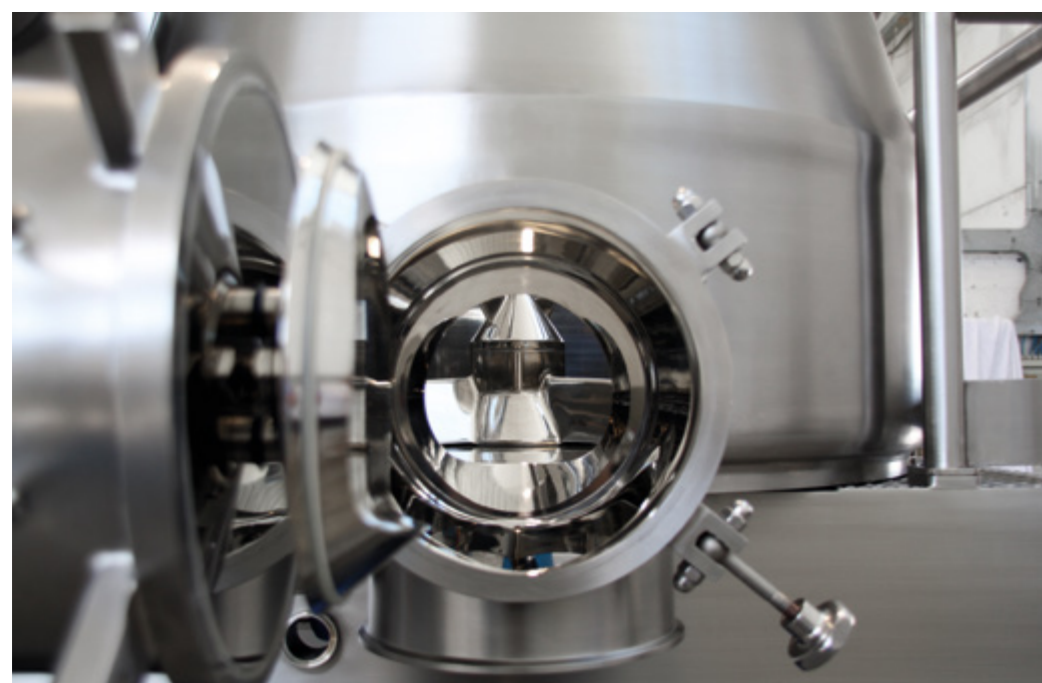
# OSD equipment



NCS

**NICOMAC**  
MANGINI  
**CLEANROOM  
OSD EQUIPMENT**

PHD

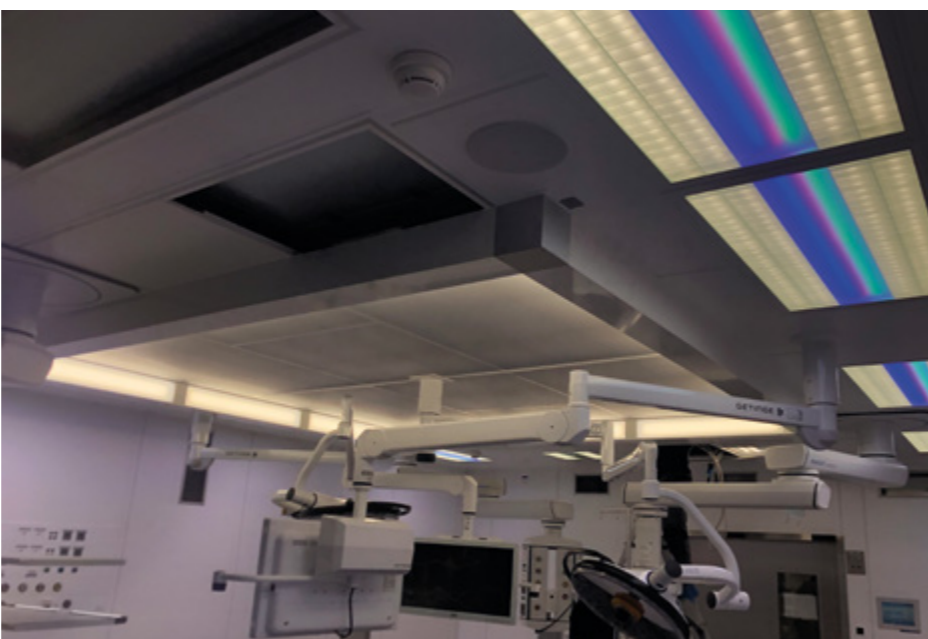


HP





Lighting



**MANGINI**  
LIGHTING



# Lighting



Sea



**SEA e FLEX** sono le due soluzioni illuminotecniche per l'installazione in Ospedali, Sale Operatorie e Camere Bianche. La precisione costruttiva del corpo lampada garantisce un elevato grado di protezione e un montaggio integrato alla perfezione. La selezione accurata dei diffusori, invece, oltre al controllo dell'abbagliamento luminoso permette anche la massima igiene e pulizia. L'unione di questi fattori assicura alle lampade il completo rispetto delle normative vigenti.

Nella progettazione, anche le lampade rivestono un ruolo centrale sia per supportare uno svolgimento fluido dei processi produttivi che per garantire il comfort visivo degli operatori.

[ EN ]

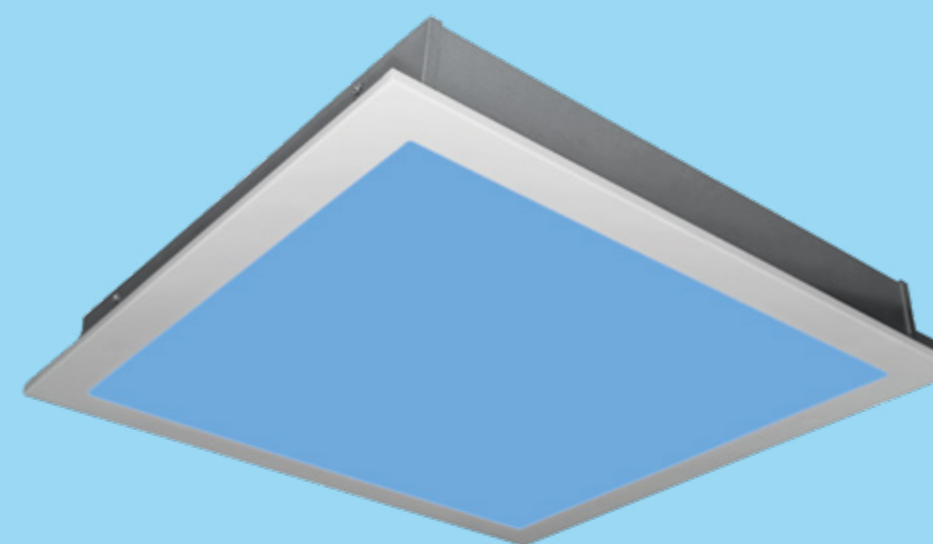
**SEA and FLEX** are the two lighting solutions for installation in Hospitals, Operating Rooms and Cleanrooms. The manufacturing precision of the luminaire housing guarantees a high degree of protection and perfectly integrated mounting. The careful selection of diffusers, in addition to control of light glare, also allows for maximum hygiene and cleanliness. The combination of these factors ensures that the lamps fully comply with current regulations.

In design, lamps also play a central role in both to support the smooth running of production processes and to guarantee the visual comfort of operators.

[ FR ]

**SEA et FLEX** sont les deux solutions d'éclairage pour les Hôpitaux, les Salles d'Opération et les Cleanrooms. La construction précise du châssis du luminaire, garantit un haut degré de protection et une installation parfaitement intégrée. La sélection minutieuse des diffuseurs, quant à elle, permet non seulement de contrôler l'éblouissement, mais aussi d'atteindre le plus haut niveau d'hygiène et de nettoyage. La combinaison de ces facteurs garantit que les lampes sont entièrement conformes aux normes en vigueur.

Dans la conception, les lampes jouent également un rôle central tant pour soutenir le bon déroulement des processus de production que pour garantir le confort visuel des opérateurs.



Flex





Qantum Easy



# Technical doors



**MANGINI**  
TECHNICAL  
DOORS





QuClaantum Easy



# Technical doors







**MANGINI**  
HOSPITALITY





# Hospitality





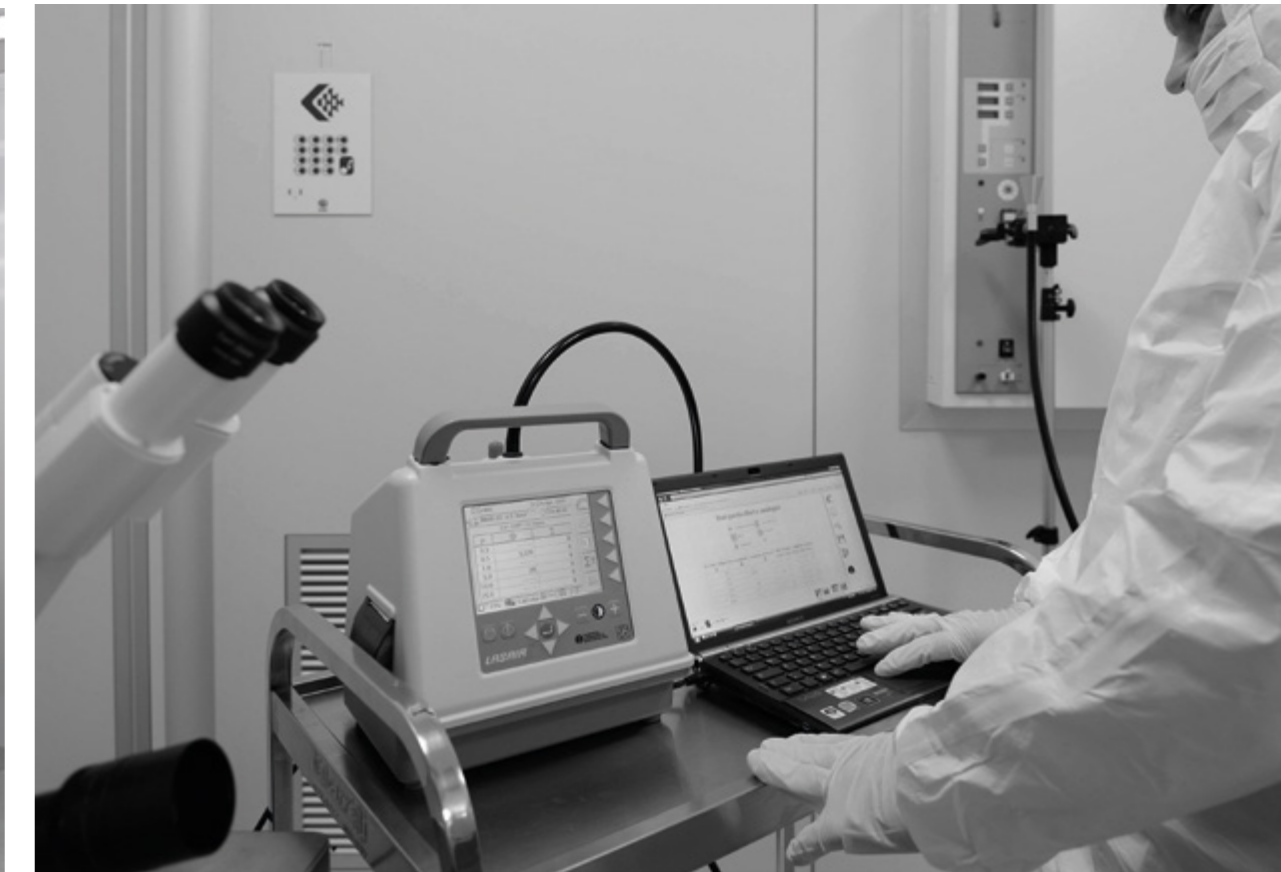
# Acotec Turnkey

## ACOTEC MANGINI TURNKEY DIVISION

Acotec, dal 1986



- ▶ Analisi del processo  
[EN] Process analysis  
[FR] Analyse des processus
- ▶ Inquadramento secondo normative internazionali (GMP, GLP, FDA, WHO, ISO)  
[EN] Classification according to international regulations (GMP, GLP, FDA, WHO, ISO)  
[FR] Classification selon les réglementations internationales (BPF, BPL, FDA, OMS, ISO)
- ▶ Studio di fattibilità con valutazione economica di spesa  
[EN] Feasibility study with economic evaluation of costs  
[FR] Etude de faisabilité avec évaluation économique des dépenses

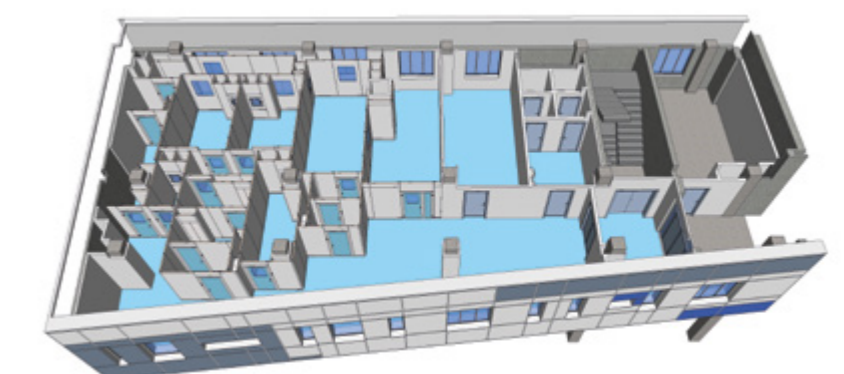


- ▶ Start-up, commissioning, formazione, convalida e manutenzione  
[EN] Start-up, commissioning, training, validation and maintenance  
[FR] Démarrage, mise en service, formation, validation et maintenance



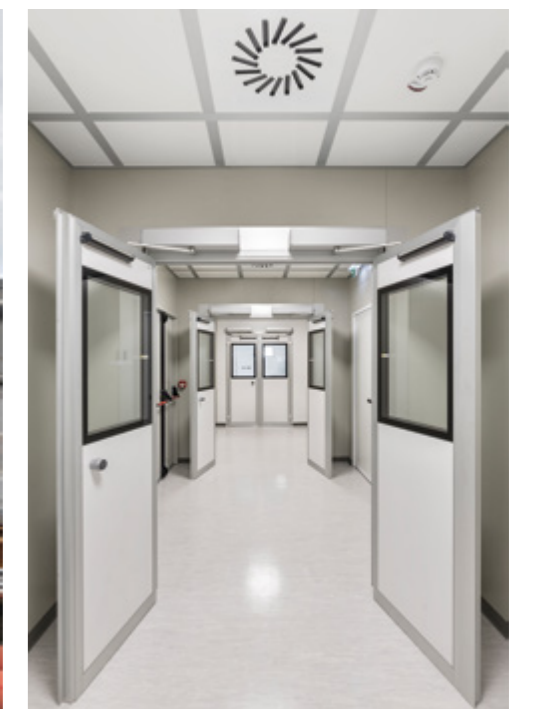
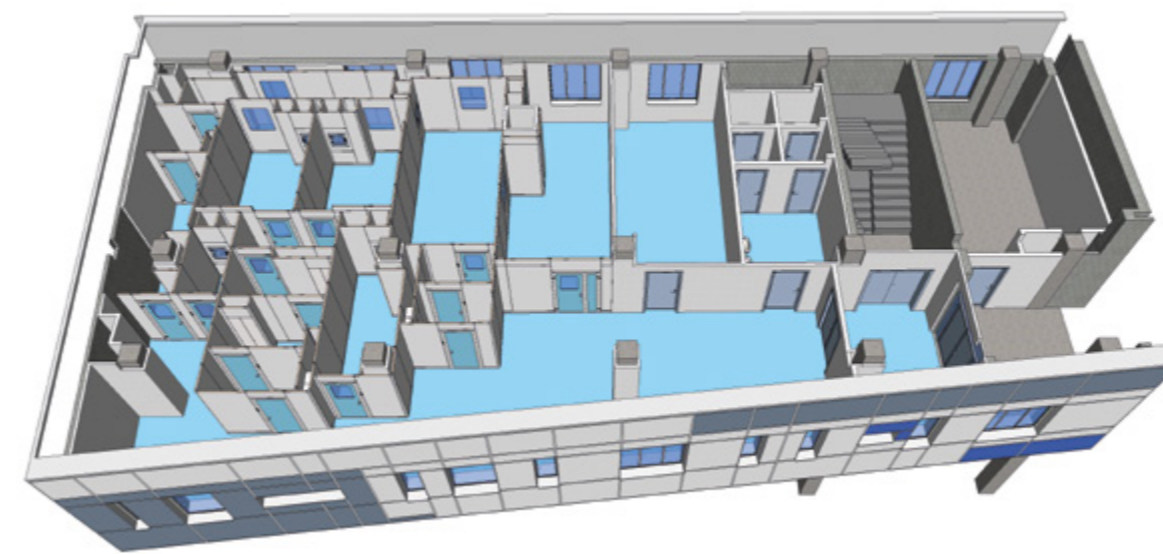
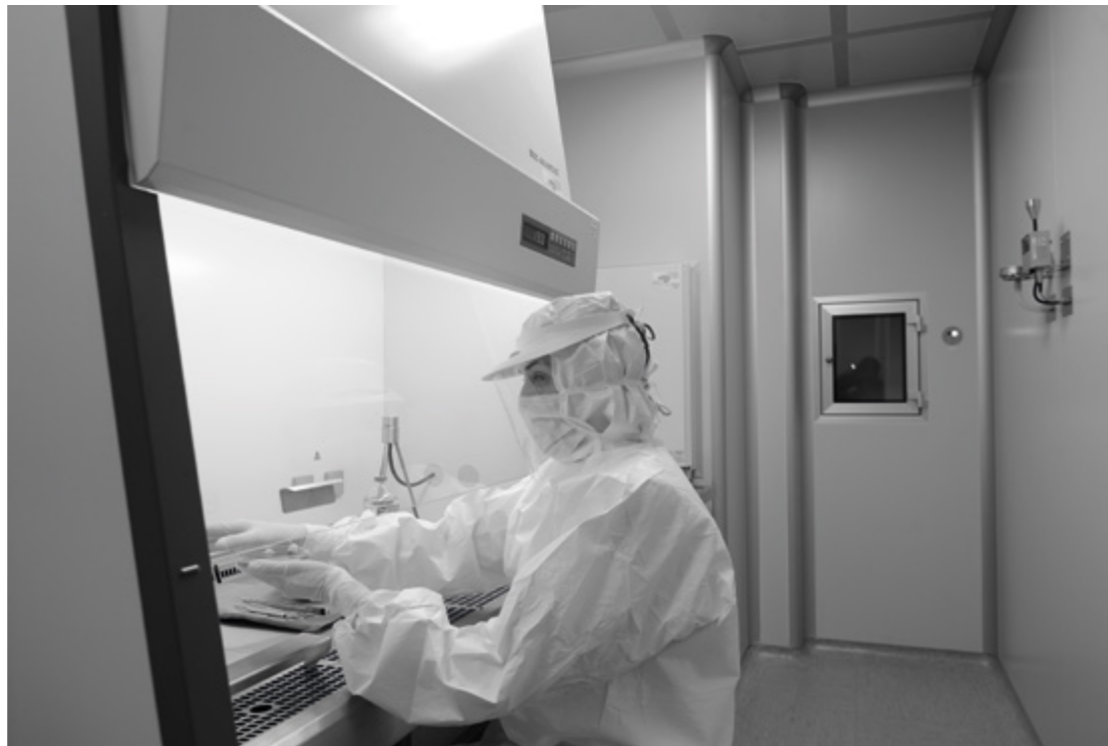
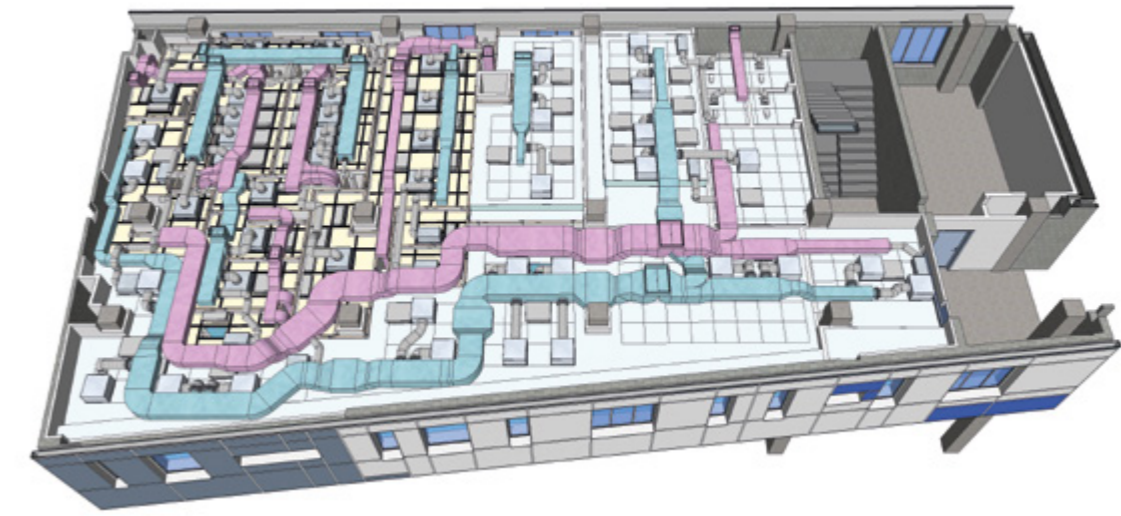
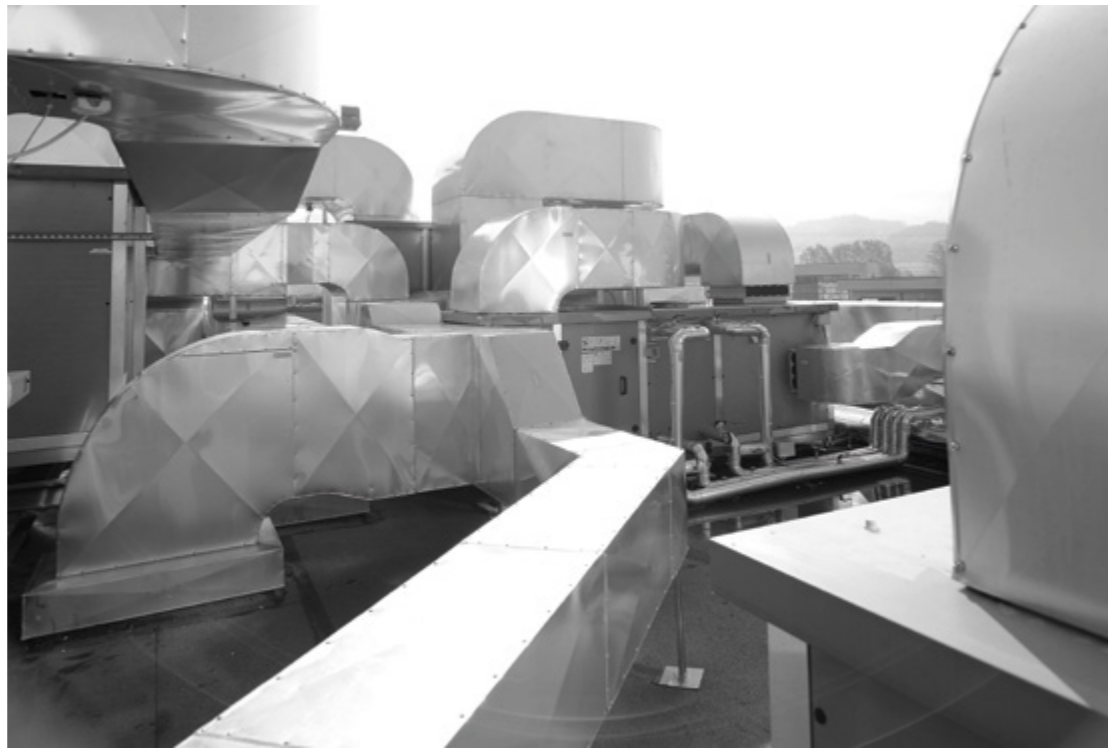
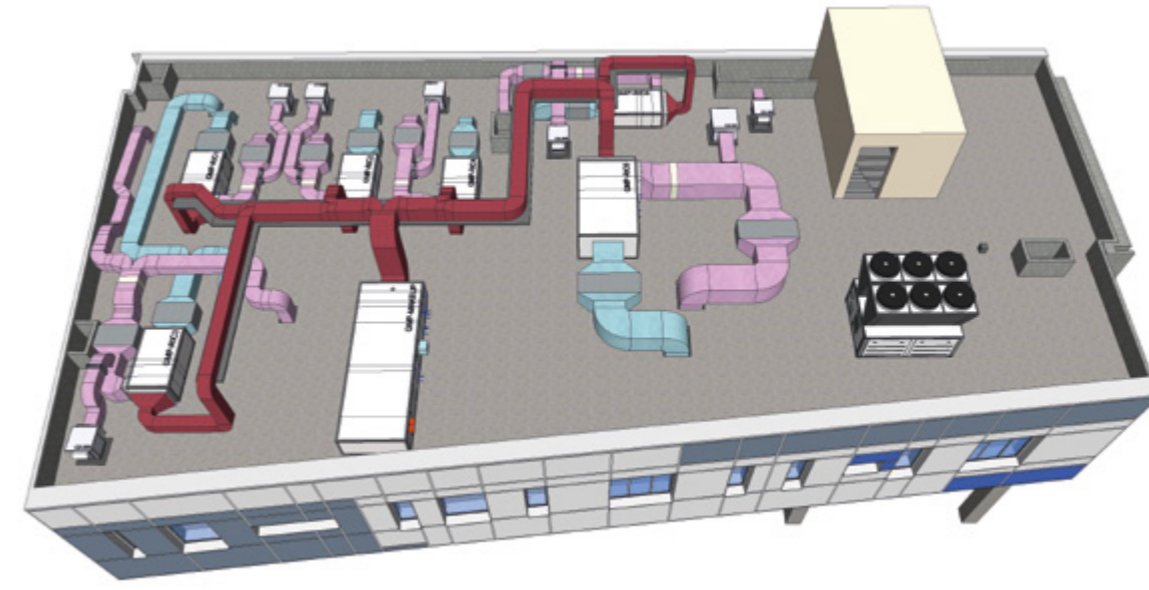
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[FR] Construction, supervision, fourniture d'équipements et de mobilier techniques

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