

for complete solutions

**Installations
in the utility and
datacenters**

Installations in buildings and data centers

- ❑ Light and power systems, back-up power systems
- ❑ Security systems
- ❑ Air conditioning systems
- ❑ Data center solutions
- ❑ Sanitary systems
- ❑ Service and maintenance 24/7
- ❑ ICT and network solutions
- ❑ Inspections

The people behind the Mandersloot Installaties organisation analyse, implement and manage your technical systems across the entire breadth of the user market, thus an integrator of perfect systems and services for building installations and systems that satisfy the national and international standards and regulations.

□ Organization

- > About Mandersloot Installaties bv 3
- > Core business 4
- > Project approach 5

□ Disciplines

- > Light, power and back-up power 6
- > ICT and network solutions 6
- > Security 7
- > Climate efficiency 8
- > Data center solutions 9
- > Service and maintenance 24/7 10

□ References 11

□ News 24

□ Contact 25

About Mandersloot Installaties bv

Mandersloot Installaties operates as a multidisciplinary systems company close to its clients in very divergent market segments and positioned as an all-round technical service and solutions provider. Quality, flexibility, availability, dedication and customer-orientation are our top priorities. We achieve all that by working with quality assurance systems for planning, safety, security, sustainability and the environment based on ISO 9001/VCA*/BMI/CVT.

An integral approach, added value, integrated systems and solutions are communicated with the client in a professional manner and completed to plan. Continuity and sustainability no matter what the circumstances is an experience for both parties with the goal being a long-term relationship, thus a win-win situation. Taking the maximum possible load off the client's hands in the area of technical service delivery. Now and in the future.

Core business

The people behind the Mandersloot Installaties organisation analyse, implement and manage your technical systems across the entire breadth of the user market, thus an integrator of perfect systems and services for building installations and systems that satisfy the national and international standards and regulations.

Solutions for:

- Light, power and back-up power systems
- Air conditioning systems
- Sanitary systems
- ICT and network solutions
- Security systems
- Data center solutions
- Inspections
- Service and maintenance 24/7

In: Office and commercial buildings
Hotels and restaurants
Healthcare facilities and schools
Data centers and computer rooms

For: End-users
Consultants
Data and telecom providers
Banking and insurance industry
Project developers and building contractors
Government organisations

Project approach

Your project will be handled in an integral approach and accompanied from quotation to delivery by your firm point of contact, the project manager. Partly thanks to our network of offices and nationwide coverage, the project manager organises the quotations, the contract, the financial and system progress planning, always in cooperation with the operations office. So there is always continuous reporting available concerning the status of your project and you define whether that reporting covers the financial, materials, personnel or quality assurance aspects.

Confidence and continuity in the installation process are therefore assured. Our versatile specialists in systems technology take your wishes and needs into account at all times, and in doing so apply a functional approach coupled with expertise in:

- Customized solutions and concepts.
- Quality assurance based on Dekra (Kema) ISO 9001, VCA*, CVT and BMI.

Light, power and back-up power

The business activities of Mandersloot Installaties cover the engineering, implementation, installation and maintenance of basic and end-user systems, such as:

- Medium-voltage stations
- Low-voltage distribution systems
- Cable conduits and cabling
- Lighting and emergency lighting
- Back-up power systems (back-up power generators)
- Uninterruptible power systems (UPS and 48V DC)

This can be either partial solutions or total solutions.

ICT and network solutions

Reliable, failsafe and rapid transfer of complex voice, video and data services in fixed or wireless networks is a must, now and in the future. Mandersloot Installaties is an experienced ICT and network partner that can engineer, implement and maintain these often licensed infrastructures. We do all that for companies, institutions, end-users, consultancy firms, always with innovative solutions for:

- Copper networks for Cat 5/6 and 7
- Coax and twisted pair networks
- Fibre networks for to-the-desk and to-the-home
- Image transmission via satellites
- Measurements and reporting in IP, OTDR and much more.
- Implementation of active components

Networks and active components installed by Mandersloot Installaties are tested before being put into operation and, on request, provided with guarantee certificates and complete documentation.

Security

Your business is unique, so you need a package of security measures geared to your company's situation. Secure for you and your employees alike. With the Mandersloot Installaties security specialists, you have a partner who can inventory the key risks and engineer, implement and maintain the most efficient solutions. This often involves a mix of solutions covering multiple risks.

Measures against:

- Burglary and intrusion
- Access control
- Working times and attendance registration
- Payment and barrier systems
- Smoke, fire and gas detection systems
- Gas suppression installations
- Alarm and CCTV monitoring
- Building management systems
- Energy saving and environmental measures (sustainable security systems)

Expert investigation, detailed scans followed by efficient consulting and a properly implemented solution with thorough maintenance. All this with reliable and valuable documentation to ensure a "safe workplace".

Climate efficiency

Creating a comfortable climate in your building with efficient systems to produce cooling, heat and ventilation requires integrated technical solutions, coupled to energy saving and sustainability requirements as established in the standards of the Dutch Building Decree (Bouwbesluit), Tier I, II, III, NEN, among others. It needs the specialisations and knowhow of engineers. The Mandersloot Installaties engineers will be happy to show you as the client what they are capable of and discuss solutions with you that meet your needs.

- Air handling
- Cooling
- Humidification
- Central heating
- Control systems
- Building management systems

We do all this for both new-build and renovation projects, always observing the structural, comfort and noise aspects, which ultimately results in efficient system choices. Green, reduced CO2 emissions and sustainable all play a key role in these choices.

Data center solutions

Terms such as guaranteed availability of SLA 99.99 to 99.999% or better, energy efficiency of PUE 1.15 or better, Tier I/II/III, cloud computing, co-location, sustainability and redundancy all come up in data centers. Optimum utilization of energy sources, manageable costs, installation, optimisation and maintenance of technical systems all have ongoing effects on our performance as a data center provider and relate directly to the ever more demanding customer needs. The Mandersloot Installaties engineers are keen to show you what they are capable of and discuss the solutions with you as the client to meet your current and future technical and financial needs, from consultancy up to management, 24/7

- Reliability
- Flexibility
- Guaranteeing continuity
- Coping with complexity
- Costs and management efficiency
- Service delivery 24/7

and all this in the technical and organisational infrastructures in the data centers of components such as

- Electrical infrastructure
- Emergency power systems
- Air conditioning systems
- Security systems
- Structural engineering issues

Preliminary studies, engineering, setting up phased plans, organisation and risk analyses, realisation and maintenance.

Service and maintenance 24/7

An integral approach, single point of contact, specifically trained and/or coordinated maintenance engineers provide for full service delivery for all systems in your building. The Mandersloot Installaties engineers or specialised engineers provide for a perfect package of preventive, corrective maintenance and emergency response on a 365/24/7 basis. Reports on work carried out and/or energy consumption support the manageability of your systems.

Organised maintenance and services

- Preventive maintenance
- Corrective maintenance
- Alarm response and reporting
- Document management
- NEN 3143 and Stek inspections

Service number

+ 31 (0)33 277 2432

References

References

In recent years, various projects and their management have been successfully realised with customers in segments of the banking and insurance industry, government organisations, shopping centres, communication and webhosting providers, project developers, consulting firms and building companies.

Mandersloot Installaties has the vision to serve its customers' interests, provide advice and maintenance for the long term with the goal of creating a win-win situation within the market segment concerned.

With our specialist and project approach, Mandersloot Installaties satisfies the requirements when it comes to the technology, planning and installation personnel which projects entail.

Food/retail

Dutch Flame
Mooyer
Vion
Hakvoort - Horeca
Westland Salades
Storteboom
F. Zandbergen

Zeewolde
Volendam
Scherpenzeel
Emmeloord
Den Haag
Zeewolde
Woudenberg

Data centers/computer centers

Agrifirm
Rabobank
Eyescan
Netapp
Grontmij

Apeldoorn
Woudenberg
Hele land
Schiphol
Rotterdam

Utility

Afrifirm
Rabobank
Smits
Dutchflame
Brilservice
Visie Oogheekunde Zorg
Eye scan
Moonstar
Esso
Textline
De Graaf
Golden Tulip "de Duinen"
Hotel de Witte Raaf
Gamma bouwmarkt
Dijkham Bouw
Vink Bakker Bouw

Apeldoorn
Utrecht
Den Haag
Zeewolde
Hele land
Utrecht
Hele land
Amsterdam
Hele land
Harderwijk
Bad Bentheim
Noordwijk
Noordwijk
Nieuwegein
Nijkerk
Harderwijk

Agrifirm te Apeldoorn



Size 6,000 m² office space, a computer room and underground parking.



Grontmij te Rotterdam

Size 3600 m² office space, a computer room and parking.

Klein Landaas 4
3931 GC Woudenberg
T +31 (0)33 277 24 32
info@manderslootinstallaties.nl

Netapp - Schiphol-Rijk

Size 1200 m² science center / executive
briefing datacenter and entrance hall.

Regio Kantoor Rabobank Woudenberg



Size 4,000 m² office space, and parking.



Klein Landaas 4
3931 GC Woudenberg
T +31 (0)33 277 24 32
info@manderslootinstallaties.nl

Van Bentum



Offices, boardroom and depot.



Klein Landaas 4
3931 GC Woudenberg
T +31 (0)33 277 24 32
info@manderslootinstallaties.nl

Golden Tulip de Duinen Noordwijk



Four star hotel, conference and modern business security, IT and communication facilities.

WSB Interieurbouw Scherpenzeel



Evocative offices, business and
production.

Van Heugten Transport



Offices, business and production.



Hotel De Witte Raaf - Fletcher Groep



Four star hotel with modern security,
IT and communication facilities

Dijkham Bouw - LPF - Grootegast



New construction - printing for food
packaging - 5000 sqm.



Dijkhambouw - hatcheries Zeewolde



Offices and business premises.



Golff - Supermarkt en Appartementen



Nieuws 2012

2012-November

VCA and CVT audit and certification by Dekra-Kema*

2012-October

Contract won for the design, building and delivery of a complete electrical, security and ICT system in the offices of Grontmij in Rotterdam

2012-September

Implementation of ISO 9001, VCA, CVT and BMI in the organisation.

2012-September

Contract won for the design, building and delivery of a complete electrical, security and ICT system in a commercial building on Urk.

2012-June

Contract won for the detail engineering, building and delivery of a measurement and control system for a cold store in Bad-Bentheim (WDL).

2012-May

Contract won for the build and design of a new air conditioning system, and modification of an existing one, at the headquarters of Netapp at Schiphol.

2012-April

Here you'll soon find information about new developments within our organisation.

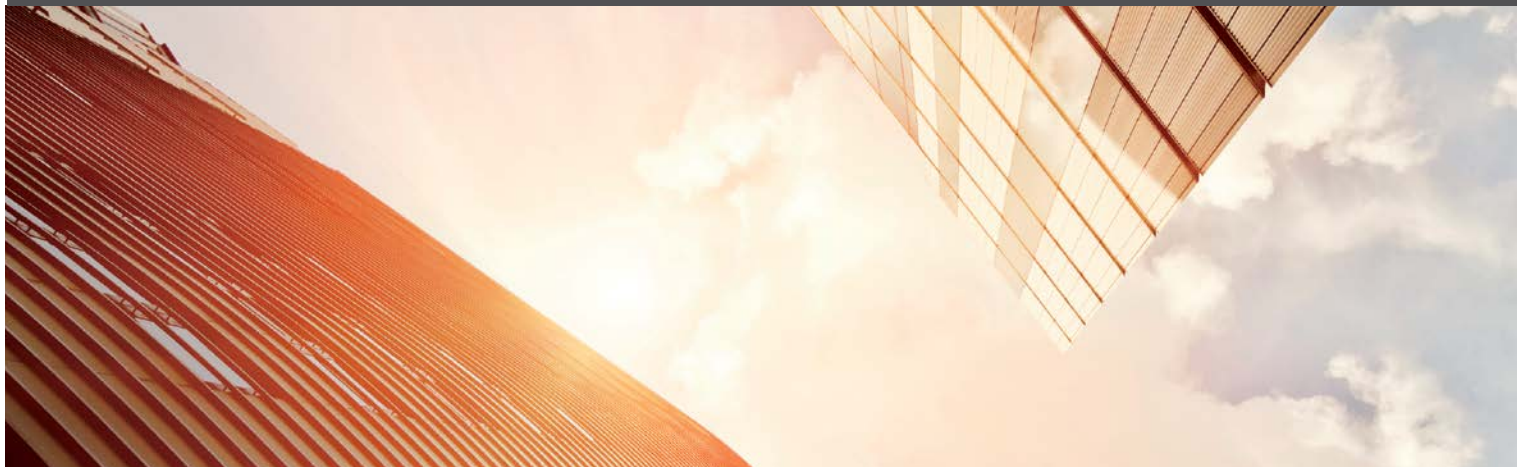
2012-March

Henk Mandersloot Elektro b.v. is acquired and becomes Mandersloot Installaties bv

2012-January

Contract won for the design, building and delivery of a complete electrical, security and ICT system for the new headquarters of Agrifirm in Apeldoorn. 6000 m² of offices, computer rooms and underground car park. Delivery July 2012

Contact



Contact Mandersloot Installaties bv

Head Office in Woudenberg

Klein Landaas 4
3931 GC Woudenberg
The Netherlands
Tel 0031 (0) 33 277 24 32
Fax 0031 (0) 33 277 88 48

info@manderslootinstallaties.nl
www.manderslootinstallaties.nl



Zaanstad office

Braspenning 27
1507 DK Zaandam
The Netherlands
Tel 0031 (0) 33 277 24 32
Fax 0031 (0) 33 277 88 48

info@manderslootinstallaties.nl
www.manderslootinstallaties.nl



Klein Landaas 4
3931 GC Woudenberg
T +31 (0)33 277 24 32
info@manderslootinstallaties.nl

