M2Desk

The hybrid revolution
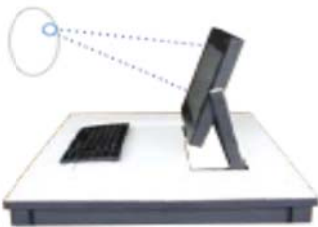## Ergonomics & Multimedia for Everyone

M2Desk-Flex

- **M2**Desk offers a normal desk and multimedia workstation in one device
- In the open position the total surface is chargeable and utilizable
- Meets all applicable health and safety guidelines and conditions for Computer screens
- Produces no sound or heat
- Is not sensitive for theft
- **M2Desk-Flex 2014 has UN integrated computer with:**
  - Intel **Quad core** processor
  - Up-to **8 Gb** internal memory and a SSD (Solid-State-Hard Drive)
  - Integrated **15.6" Led** powered LCD screen
  - Capacitive Multi-Touch-Screen **with handwriting functionality**
  - **M2**Desk Anti Cheat Screen
  - Support **Windows 7** (32 and 64 bits) & **Windows 8** (32 and 64 bits)
  - Up-to 5 years NBD & SBD On-Site warranty (depends of the country)

Ergonomics

Working with the screen   Reading the screen   Writing on the screen

M2Desk offers:

- Ideal viewing distance to screen 50 cm
- Screen diagonal and viewing distance is perfect
- Viewing angle and height are adjustable
- Display work-, read- and write-position
- Optional integrated mouse tablet in tabletop
- High resolution Multiple- and Writing-Touch Screen
- Ergonomically sound and silent keyboard

The results are:
- 20% improved comfort
- 20% improved comfort
- 30% less neck complaints
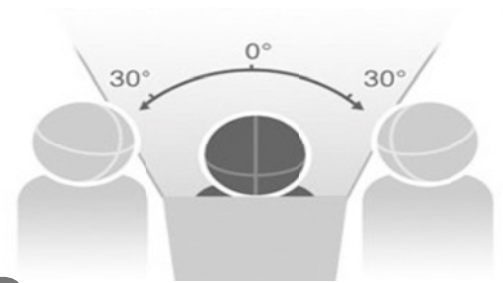- 15% higher productivity

M2Desk Anti Cheating Solution

Since M2Desk-Flex is the ultimate solution for digital testing,
We have developed the Anti-Cheating Screen. The result is that only
The student that is right in front of the M2Desk-Flex can see the
Information on the screen. The student next to him or diagonal
Behind him only sees a black screen. This makes it impossible to
Cheat during exams.

The next generation Anti Cheating Screens can be switched on or off.
This makes the computer also usable for other Applications.
For instants when students that want to work together.
This makes the areas even more efficient.

Less is more
The hybrid revolution

• On the **M2**Desk-Flex you can:
  • Work with paper
  • Work with the computer
  • Work with the combination of paper and computer
  • In a split second you turn a normal table into a computer workstation
  • **M2**Desk **SpC** (Semi Permanent Cabling) system, provides each room
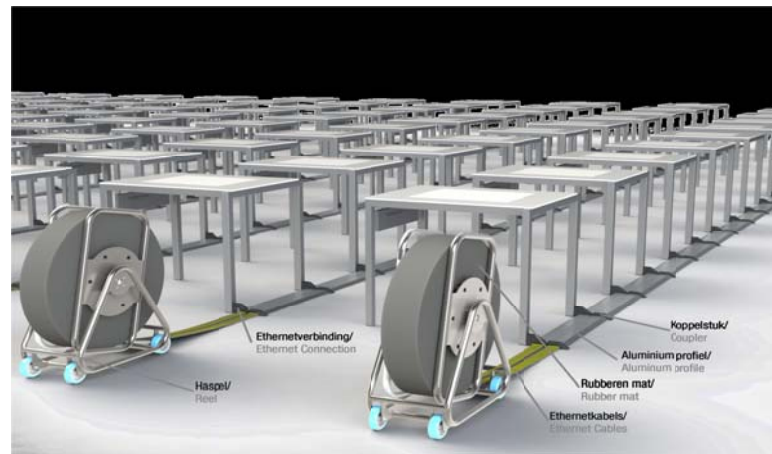 With a (temporary) infrastructure

• The **M2**Desk-Flex is suitable for:
  • **Paper examination**
  • **Digital examination** using a normal or the **on-screen keyboard**
  • **Digital examination** multiple choice by using the **Multi-Touch Screen**
  • **Written digital examination** by using the **unique Write-Touch Screen**

M2Desk-SpC system

Semi-**P**ermanent **C**abling system

Is **S**emi **P**ermanent **cabling** system removable temporary
or permanent infrastructure:
• Is based on the worldwide standardized **POE**+
• Guaranteed fast communication
• Uses only weak voltage
• Extreme low usage of energy
• Up to 120 units to 1 power source
• Multi-functional use of space
• No structural changes of building
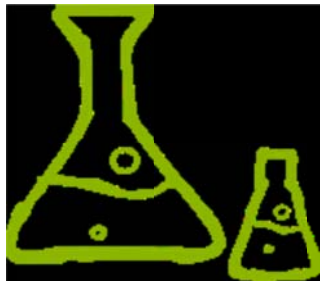• Easy roll up and roll out
• Large cost reduction

M2Desk savings

Energy

• Uses only 11 watts of energy (average power consumption)

• Is powered by **P**ower **over E**thernet

• Produces negligible little heat

• Makes air-conditioning unnecessary (incl. related savings to power consumption)

Infrastructure

• No building cost or structural modifications in existing rooms

• No permanent infrastructure: **SpC** system is easy place able and removable

• No rental of alternative spaces during rollout **M2**Desk

Comprehensive Equipment
Trading Establishment
Exclusive Distributor

M2Desk®

Advantages

Savings

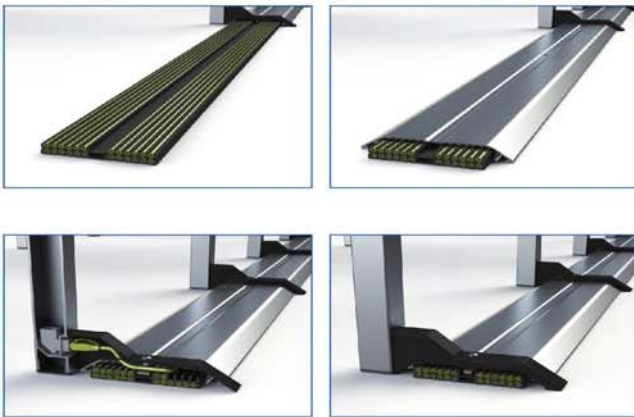| Advantage		Saving	
Normal and multimedia workstation in 1 hybrid device	V	Uses 11 Watts of energy during use	V
Table surface is utilizable and chargeable	V	Is powered by Ethernet (**POE**)	V
Totally silent 0,0 Db	V	**M2**Desk Semi permanent Cabling system	V
Negligible little heat	V	Makes air conditioning unnecessary	V
Not theft sensitive	V	Includes a full PC	V
Ergonomically sound	V	Up to 120 **M2**Desk units on 1 power group	V
M2Desk has a display work-, read- and write-position	V	No structural modifications	V
Optional integrated mouse tablet	V	Is equipped with Intel hardware	V
M2Desk anti cheat screen	V	Up to 5 year NBD & SBD On-Site warranty (depending on country)	V
Capacitive Multi-Touch with palm suppression	V		

The hybrid revolution at school

M2Desk-SpC, the Semi permanent Cabling system is a retractable network system. M2Desk-SpC communicates at high speed with the local network, the internet and the digital test server. The wiring in the room is minimal, using just low voltage and is safe to touch. With M2Desk-SpC you will be able to change every room into a test or exam location, which fully meets the specified require-ments, without the need for structural adaptations.

Haspel/
Reel

Ethernetverbinding/
Ethernet Connection

Koppelstuk/
Coupler

Aluminium profiel/
Aluminum profile

Rubberen mat/
Rubber mat

Ethernetkabels/
Ethernet Cables

M2Desk Semi permanent Cabling system
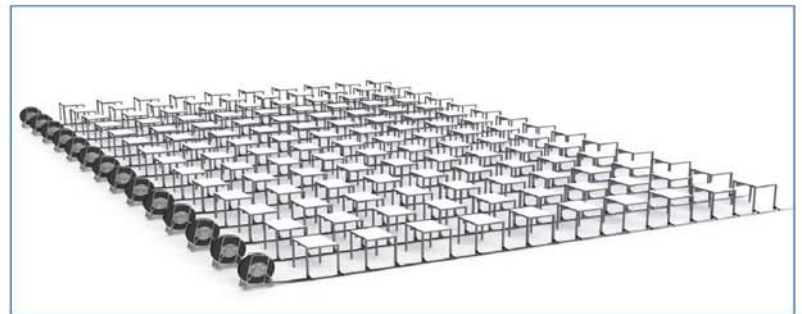## minimal wiring with maximum yield

Assemble and disassemble quickly and efficiently

M2Desk-SpC is the world's first retractable network cabling system.

• Roll out the rubber mat with integrated cables,
• Place the tables alongside,
• Cover the mats with the coverlets,
• Finally, connect everything together with the couplings,
• And your digital test centre or multifunctional classroom is ready.

M2Desk-SpC is made of high-grade materials, which guarantee a continuous, excellent quality, even after extensive use.

Organised and structured

• arrangement of large halls with more than 400 units
• structured assembly of the hall
• tightly organised lay-out
• no loose cables
• easy to manage with the help of a switch
• worldwide standardised Power over Ethernet
• 24 M2Desk units navigable in line
• extremely well suited for digital mega test centres
• every M2Desk has its own unique connection

With the M2Desk-SpC concept you will save substantially

• on building costs
• on energy cost
• on set-up costs
• on investment in climate controlled spaces
• on every square meter because of efficient use of space

Comprehensive Equipment
Trading Establishment

Exclusive Distributor

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M2Desk®

M2Desk-SpC & in use

University of Groningen
Request: A multi-functional room
- seating for 300 students
- digital and analogue test
- facilities for lectures and IT classes
- minimal components
- secure against fraud
- energy efficient and silent
- ergonomical

M2Desk solution: 300 M2Desk-Flex units

VU University, Amsterdam
Request: A multi-functional room
- seating for 400 students
- digital and analogue testing
- rapid disassembly of the system
- laying of cables and superfast network
- no climate control necessary
- silent

M2Desk solution: 400 M2Desk-Flex units with M2Desk-SpC

Huygens College Eindhoven
Request: A multi-functional classroom
- seating for 30 students
- mixture of digital and regular education
- efficient use of space
- low energy usage
- ergonomical
- silent

M2Desk solution: M2Desk-Flex powered by a network cable using Power over Ethernet

M2Desk®
www.m2desk.com

M2Desk - Less is More

Complete solution M2Desk-Flex & SpC & table

The M2Desk-Flex is placed in a table with a frame that can be directly linked to the M2Desk-SpC. The frame comes with compartments for the mouse and keyboard, which allows for the hassle free stacking of the tables. The M2Desk-Flex features a connection box that connects the unit to the M2Desk-SpC. This box also has 2 USB ports out of reach of the students, which is used to connect the mouse and keyboard. The M2Desk-Flex is an ultra energy efficient and complete system, which can support Windows 7 or 8 if required. In short, a world-wide unique concept.

Advantages of M2Desk-SpC
- multi-functional use of space
- up to 120 units to 1 power source
- no structural changes required
- easy roll up and roll out
- quick assembly and disassembly
- guaranteed fast communication
- extreme low usage of energy
- large cost reduction

Comprehensive Equipment Trading Establishment
Exclusive Distributor

M2Desk

Product number	**M2**Desk-Flex 2014	**M2**Desk-Flex 2014 **Pro**
CPU	Intel® Quad-core, up to 2,16 GHz, Cache 2048KB	Intel® Quad-core, up to 2,41 GHz, Cache 2048KB
Graphics	Intel Gen7 Graphics DX11 Basic 313MHz Dynamic 854MHz	Intel Gen7 Graphics DX11 Basic 688MHz Dynamic 854MHz
RAM	Max. 8GB (2x 4Gb) ULV Dual Channel DDR3 1333	Max. 8GB (2x 4Gb) ULV Dual Channel DDR3 1333
Power Consumption unit	8 - 19 Watt depending on installed options	11 - 21 Watt depending on installed options
LCD Size	Display 15,6" LED TFT 1366 x 768	
Network	Realtek GbE LAN 10/100/1000	
Audio	Realtek High Definition Audio	
Ports	1x USB 2.0 connector (integrated in Display Unit) 0,5A	
	1x Audio/mic 3,5mm jack	
Connectivity-box	2x USB 2.0 1x RJ45	
	M2Desk PoE IEEE.802.3at (Powered through **M2**Desk SpC-System) or DC power 8-19 V	
SSD	SSD MSata 30 Gb. Optional 60Gb / 120Gb / 240 / 480 Gb	
Camera Module	UXGA 1620 X 1220 and supports 720p30 HD video (30 frames per second)	
Expansion (optional)	Wireless Lan IEEE 802.11a/b/g/n wireless 2,4 GHz / 5GHz	
Touch screen (optional)	Optional Second generation Capacitieve Multi Touch Screen with palm suppression / Write-Touch Screen	
Keyboard	**M2**Desk, RF-6490-BK, US layout Wireless or wired	
Dimensions unit	W55,5cm x D42,6cm x H4,8cm	
Supported operating system	**M2**Desk-FLE supports Windows 7 32/64bits and Windows 8 32/64bits	
Delivered operating system	Free DOS	
Guarantee	For the Dutch markets: Two year hardware components first year Carry-in warranty. One year on mechanics. Upgradeable to 3 years Carry-in, 3 years NBD On-side or 3 years SBD On-side.	
Operation Temperature (°C)	0°C - 40°C	
Storage Temperature (°C)	0°C - 50°C	
Color M2Desk-Flex unit	Black & white	
Weight	approx. 11 Kg	