



# Presentation of AXEL Thin Clients and « Ultra Thin Client » Technology

**AXEL**  
[www.axel.com](http://www.axel.com)

# AXEL

## A True Technical Approach

**Axel design and manufacture innovative TCP/IP based Thin Client Terminals for Windows/Citrix, Unix/Linux and AS/400 environments.**

**Axel products are unique in having no embedded operating system - setting a new benchmark for cost against performance, ease of use and reliability.**



## Our difference...

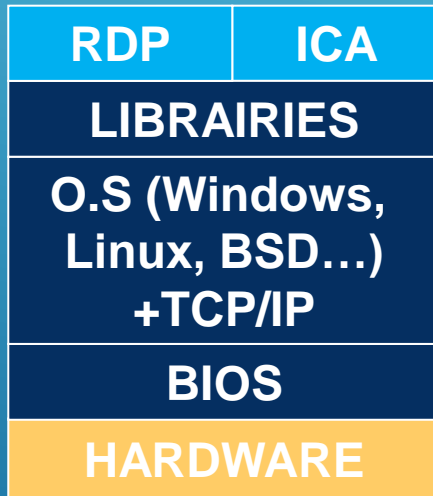
Most thin clients are based on PC technology, (embedded Windows or Linux) which add unnecessary complexity, cost and security vulnerabilities

Axel's Ultra Thin Client technology removes the operating system leaving all the resources of the hardware for the connection protocol (RDP/ICA)

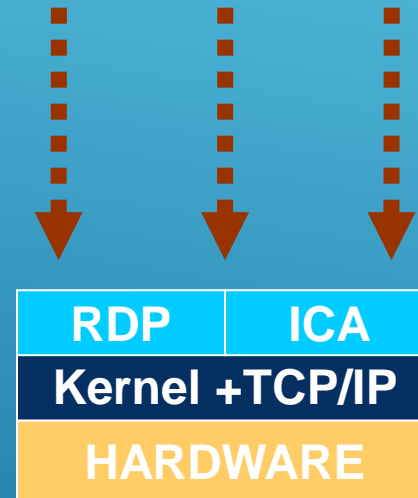


## Ultra-Thin Client Technology

*Other Thin Client:  
PC-like architecture based on  
Windows or Linux*

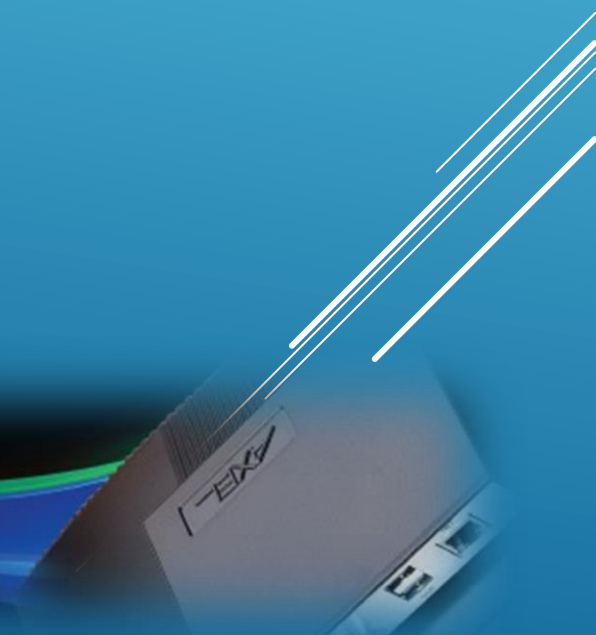


*AXEL Ultra-Thin Client:  
optimized architecture*



## Ultra-Thin Client Technology

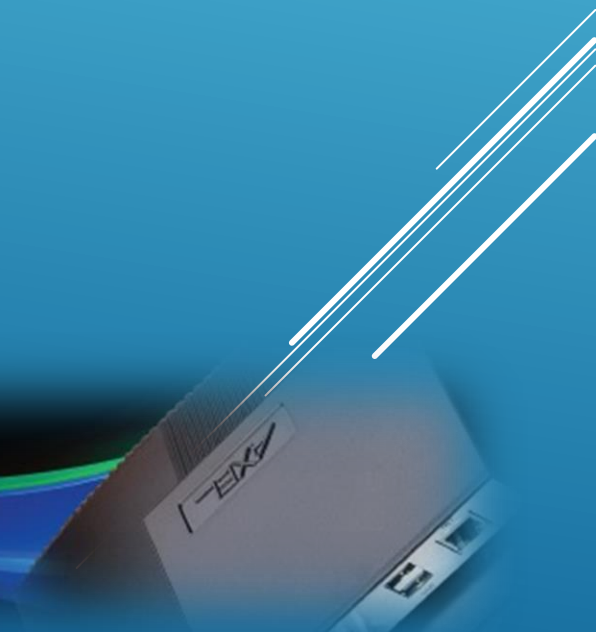
- ✓ **Dedicated hardware**
  - No bios and No Operating System
  - Instant booting
  - Low power consumption
- ✓ **Axel developed firmware**
  - Potential for bespoke developments
  - Maximizes efficiency of the hardware



## Ultra-Thin Client Technology

### ✓ Dedicated firmware

- Zero virus vulnerability
- Optimized for Axel hardware platforms
- Potential for bespoke developments



## AX3000 M80

*Compact product*



**1 x VGA port**

- Up to 1920x1200
- Colors (16 million)

**4 x USB**

**1 x Ethernet 10/100 Mb**

Consumption : 5 Watts

Dimensions : 105x135x27 mm

Weight : 350 g



***VESA Kit included***

# AXEL

## AX3000 M85

*For Point of Sales & Industrial Environments*



**1 x VGA port**

- *Up to 1920x1200*
- *Colors (16 million)*

**2 x PS/2 (Keyboard, Mouse)**

**2 x RS232 serial ports**

**1 x parallel**

**4 x USB**

**1 x Ethernet 10/100 Mb**

**Consumption : 5 Watts**

**Dimensions : 216x270x31 mm**

**Weight : 1.35 kg**



## AX3000 M90

### *High Performance / dual monitor*

**2 graphics ports (2 x 1920x1200)**

➤ *DisplayPort (x2)*

**6 x USB**

**1 x Ethernet 1Gb**

**802.11 a/b/g/n (factory option)**

- *Encryption WEP, WPA and WPA2*

- *Authentication LEAP and PEAP (ms-chap V2)*

**Consumption : 8 Watts (typical)**

**Dimensions : 150x166x40 mm**

**Weight : 615 g**



***VESA Kit included***

## Ax3000 M95

### *Industrial Environments / dual monitor*



#### **Option Wireless Kit (802.11 a/b/g/n)**

- Encryption WEP, WPA and WPA2
- Authentication LEAP and PEAP (ms-chap V2)



**2 graphics ports (2 x 1920x1200)**

- VGA
- DisplayPort

**4 x USB**

**2 x RS232 serial ports**

**1 x parallel**

**1 x Ethernet 1Gb**

**Internal PSU**

**Consumption : 10 Watts (mean)**

**Dimensions : 216x270x31 mm**

**Weight : 1,35 kg**

## AXEL Administration Software

- ✓ **Management of a large number of terminals**
- ✓ **Standalone software runs on non dedicated PC**
- ✓ **Main features :**
  - Configuration: pull and push
  - Remote firmware update
  - Full remote control
  - Automatic scanning and inventory over WAN
  - Auto-configuration of new thin clients
  - No license fees



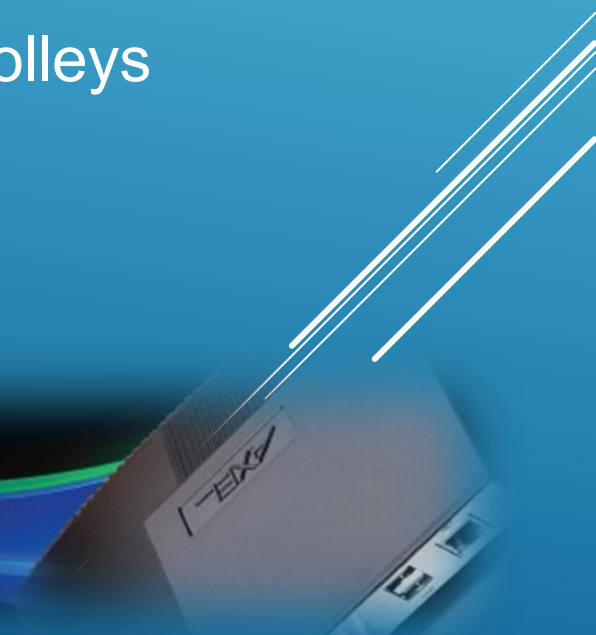
## Case Study 1 : Health/Pharmacies

### *Smart Card*

Offering « smartcard logon »

### *Mobility*

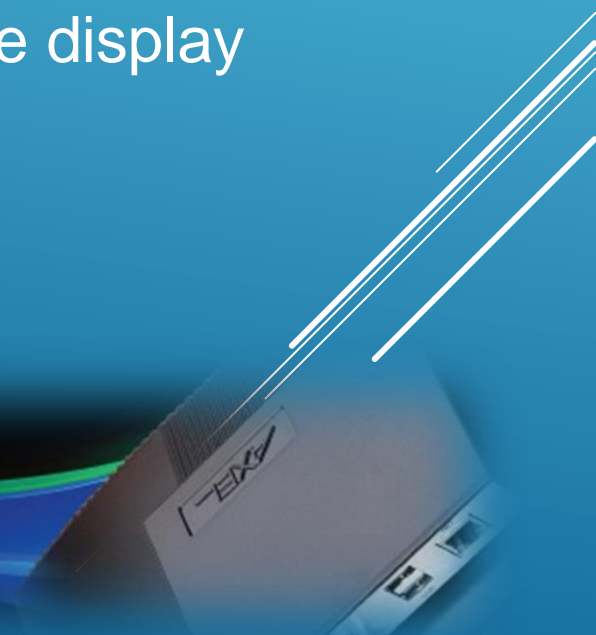
Wifi support with “roaming” for medical trolleys



## Case Study 2 : Education

### *Features Tailored for your needs:*

- Audio support for language labs (mic and speakers)
- Support of data acquisition devices for life sciences
- Support of overhead projectors with the display mirroring feature



## Case Study 3 : Industry

### ***Point of Sales:***

- Support of multiple and varied POS devices (serial, parallel, USB, networked)
- Support of touch screens

### ***Adverse Environments:***

- Robust Hardware
- Metal cases, internal PSU, no cooling vents (M85/M95)



# AXEL

## Contact us:

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