



CLEARCUBE

ClientCube KM NET-4

Complete situational awareness with seamless switching in a Common Criteria NIAP validated multiple security domain desktop.

Responsive All-In-One Secure Multiple Security Level PCoIP Solution

ClientCube KM NET-4 is the answer to the problem that has plagued command centers with multiple independent levels of security domains (e.g., Top Secret/SCI, Secret, Confidential, and Unclassified, etc.) for years.

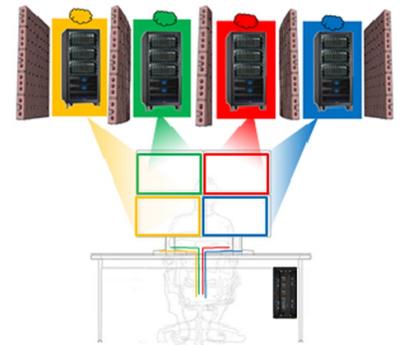
ClearCube's ClientCube KM NET-4 is the first endpoint that consolidates multiple networks into one Zero Client based device at the desktop, while maintaining physical network isolation to centralized computing resources in the datacenter. Virtual desktops and Blade PC workstations can now be isolated and secured in the datacenter without compromising the user experience or network security at the desktop. Plus workflow for the operator is completely natural.

This sleek all-in-one unit integrates up to four ClearCube secure stateless zero client devices with latest KVM testing standard (NIAP Protection Profile PSS Ver. 3.0, which exceeds EAL4 and PP PSS Ver. 2.1 1) secure KM (keyboard-mouse) switch to create a MILS solution with complete situational awareness at all times.

Integrated Secure KM Switch

Uncompromised situational awareness is the highest objective for many command and control centers, E911 fusion centers, and banking and financial trading floors. The operator/analyst must see all updates to his displays in real time and traverse through multiple isolated networks but seamlessly and instantly interact and work as if there was only one network. That has been the desired goal for multiple domain support since the beginning. ClientCube KM NET-4 meets that goal.

ClientCube KM NET-4 allows an operator/analyst to view and seamlessly interact with multiple secure domains in real time in a completely secure 100% hardware implemented manner.



Benefits



With its sleek packaging, ClientCube KM NET-4 optimizes every inch of desktop space.



Small footprint zero clients (fiber, copper or both) are tightly coupled with the Secure KM switch to eliminate excess cable lengths and wasted power connections.



Delivers full quality computing experience via a LAN connection to a PCoIP VMware View or Blade PC desktop



Optimized for multi network environments; this solution saves space, power, and is fully integrated



Switch tested and approved to Common Criteria Validated and complies with latest NIAP Protection Profile PSS Ver. 3.01



Seamless switching between multiple secure sources with cursor movement

ClientCube KM NET-4 provides uncompromised situational awareness for the operator/analyst in a normal workflow manner on a desktop platform that saves space, power, and effort. From a single device with a single set of peripherals, the operator/analyst can see his Windows desktops

from up to 4 separate network sources simultaneously, mouse over to the Windows display of the desired network, click, and connect his mouse/ keyboard/audio for instantaneous interaction with his applications.

With ClientCube KM NET-4, video to each display is constant and uninterrupted from separate isolated sources. The operator/analyst can see updates such as email, video streams, program output, etc., from multiple networks but he is prevented from commingling any data such as cutting and pasting from one source to the other because the sources are separated in the datacenter and do not communicate with each other.



Multiple Security Domains

ClientCube KM NET-4

The only capability that moves between the sources is keyboard/mouse/audio activation. ClientCube KM NET-4 can map four displays into four quadrants, or 8 or 16 displays into four quadrants. ClientCube KM NET-4 comes equipped with 40 preset display layouts to accommodate up to 16 displays, supporting four displays per zero client. Customized orientations are also supported by using a software configuration tool. Once configured, ClientCube KM NET-4 retains the layout it has been assigned.

The operator sees when a mouse cursor moves from one display boundary to another, and hears a mouse click in the new boundary that indicates that ClientCube KM NET-4 has assigned the mouse, keyboard and speaker to that network. The display boundary directly correlates with the source zero client, so in essence, ClientCube KM NET-4 senses when the operator moves from one secure network to another by way of the mouse cursor position. The front of the KM switch also illuminates for the network/zero client/display where the cursor currently resides.



ClientCube KM NET-4
Rear View

Integrated Secure KM Switch

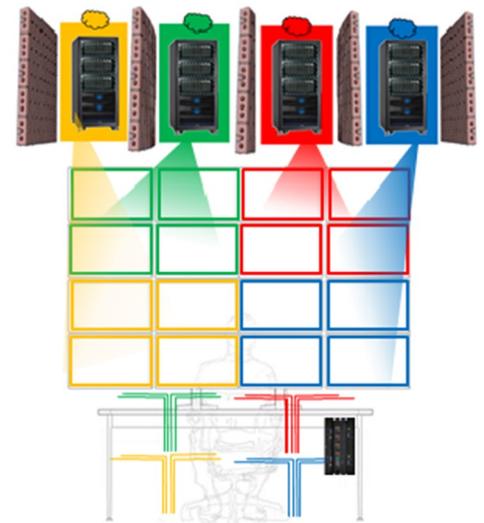
The operator/analyst's work flow is completely natural. Networks with color frames serve as identifiers (green, red, yellow, blue, for instance) that are clearly visible on the operator's displays, just as they would be in a normal secure operational setting using four individual PCs at the desktop. The mouse cursor showing on the display of the designated network is clearly visible as well. The operator simply clicks the mouse to interact with whichever network he/she desires. ClientCube KM NET-4 provides uninterrupted workflow by allowing the operator/analyst to seamlessly move from network to network without having to stop and push buttons to select the source.

Finally, the multiple domain chasm has been crossed with a 100% hardware based product, ClientCube KM NET-4, that supports multiple secure networks by using zero clients to support multiple displays using one mouse and one keyboard.

¹ Common Criteria Validated and complies with latest NIAP Protection Profile PSS Ver. 3.0, which exceeds EAL4 and PP PSS Ver. 2.1.

ClientCube KM NET-4 Hardware Specifications

Dimensions	Four Clients: 6 inches (w) x 14 inches (h) x 10 inches (d)
No. of users supported	1
No. of zero clients supported	4
Max no. of displays	4 per zero client using CD974x or CD774x series
Video	Supports up to 4 monitors at 1920 x 1200 per zero client or 2 monitors at 2560 x 1600
Power Supply	Universal 120-240 VAC, 50-60Hz, Output: 12 V DC, 9A
Shipping Weight	Fully configured, 32 lbs.
Environment	Stationary office, home office installation, 0° to 35° C
Console speaker/CPU Audio	3.5mm female
LED indicators	4



Supports Up to 4 displays per zero client per network/feed.

Ordering Information

Call 866-652-3500 Email sales@clearcube.com to order or for more information

