



# “Why VMunity is super cool!”

**Mike Chase**, Chief Technical Officer, dinCloud (Unsolicited Review)

*“VMunity is what everyone has been looking for in cyber security.”*

## What customers are saying about the VMunity Secure Computing Platform:

### 1. Client side software install takes < 10 minutes

### 2. Master control policy engine server install takes < 10 minutes

### 3. Basic enforcement policies can control

- a. What software can be installed by end-users given the profile or profile groups they are in
- b. Whether a specific app can run
- c. Whether a specific app can read
- d. Whether a specific app can write
- e. Whether a specific app has Internet access
- f. What subsystems in the OS a specific app may access
  - i. If you ever wondered why malware has been embedded into PDF's it's because Adobe Acrobat accesses a dizzying array of software subsystems in the OS which give the app significant reach across your endpoint at all levels. It's not until you install vir2us do you ever realize how deep this goes! Still, vir2us can lock this expansive access to the intended use so that compromising malware doesn't hijack what is arguably poorly written software to compromise your system accordingly
- g. No other security software checks the bios and kernel
  - i. Most software packages relegate themselves to the confines of the operating system (windows, Linux)
  - ii. Modern attacks are much lower level; even re-installing the OS means you are still “owned” by the hacker network
  - iii. The majority of security software on the market today doesn't even detect sophisticated threats
  - iv. Infiltration of the BIOS and lower level drivers can lead to destruction of the entire hardware platform; exponential cost & damage in the blink of an eye as these lower level attacks are perfected

### 4. Advanced features can be layered on top of the basic yet powerful base software

- a. Multi-factor authentication
- b. Fully automated remediation of failed desktops/laptops (resolves boot issues, non-genuine or infected OS cores, etc.)

- c. Granular file controls (the ultimate in intellectual property control that actually works, even in mobile environments)
- d. Literally thousands of knobs, tweaks and controls at your fingertips since vir2us controls the hardware on up so anything you can think of can be configured & enforced (no usb sticks, no printing, no movement of certain files from a given location/directory on disk via any method whatsoever, sky's the limit)

**5. Users can self-install software once it's added to their profile.**

- a. This eliminates the headache of tracking down an admin to do it for you. Finding an admin is the bane of a mobile society.
- b. Eliminates the cost, complexity and bandwidth required in a software distribution management system in favor of self-service.
- c. User can only install a valid authentic version of the software (not a tainted or even unsupported version)

**6. A valid app like Internet browser can be installed & run but not be compromised.**

- a. Very important where a user can be compromised in literally 1-click; i.e. going to a web video where different codecs tend to load transparently but are often piggybacked with malware. A lot of malicious malware is spread using bogus websites (sometimes advocating legitimate products!) using common normally benign advertising to lure victims in to a simple product demonstration video etc.

**7. Apps that don't need access to the network and/or Internet don't get connectivity**

- a. Totally defeats today's remote access tools (RATs) controlled by botnets (can't install, even if it could it wouldn't be able to communicate)

**Conclusion:**

- Your IT strategy is like a ship; everyone depends on it as they float through an ocean of business
- The most dangerous risk to a ship is fire (security threats)
- Security threats once present on the ship can sink it (bad press, stock dives, customers lose faith) or slow it (hides, consumes resources, steals intellectual property and gives it to competitors or the public at large, etc.)
- Every fire needs oxygen (malware)
- vir2us is like halon; it removes all oxygen from the room! Existing fires are extinguished and new fires cannot start. Fire-proof at last. Your IT ship is now unsinkable and an exponentially growing drain on resources involving security hardware, software, personnel, training, processes, plans etc. is now unnecessary. Focusing on the businesses core mission is now the only mission.