

# Stratus Video Technology: How & Why the Stratus Video IT Team Built a New Application from Scratch

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## The Philosophy & Work Behind the Update:

- We chose to build a new product because technology advances quickly, and we wanted to be in front of the curve instead of playing catch-up.
- The legacy platform was using technology that required VPNs for encryption.
- Customers wanted a technology that can work across multiple operating systems.
- More advanced features are currently being developed.
- Now we can limit IT involvement to roll out new features.

## New Product Features:

### UI Changes:

- Distinctive green background
- Fixed audio button on bottom bar
- Languages listed in English and native alphabet
- Developed the applications utilizing standard practices for the UI
- Immediate UI updates based on changes in product offerings
- Multi-point call ability

### IT Changes:

- Every call encrypted end-to-end
- Doesn't rely on SIP registration
- Interpreters can reconnect dropped calls
- Less ports needed to open, enabling tighter firewall rules
- Scalable bandwidth while in calls
- Supports specific enterprise network routing
- Developed around being supported by major web browser standards
- Inter-op with other video platforms

## Serious Security:

- Every development item is reviewed by a security risk analysis team.
- All code releases are reviewed by Veracode for analysis.
- Paladion MDM monitors our platform for proactive guard against attacks on networks, firewalls, servers and code within the platform
- Data centers are SSAE 16 compliant. Not dependent on a Cloud Provider
- Hired a dedicated Compliance Analyst to guide the company towards SSAE 16 certification.