A Different Approach to Workflow Security

convergent

By Mathew Gilliat-Smith, EVP

Nik Savchenko, VP International

It's Become More Complex

- Impact of remote working - individual and business

- Theatrical and home entertainment streamed release dates are converging, with more vendors handling content at a sensitive stage

- Add in "Cloud First" strategy for scalability and efficiency - established security controls become out of date and other controls are unfamiliar

- Hard for vendors to interpret what measures should or should not be used – combination of workflows and use cases – navigating a maze

- 3 Scenario Case Studies – highlighting typical findings and how to apply the most relevant controls to each scenario

- We owe it to the community to provide better guidance
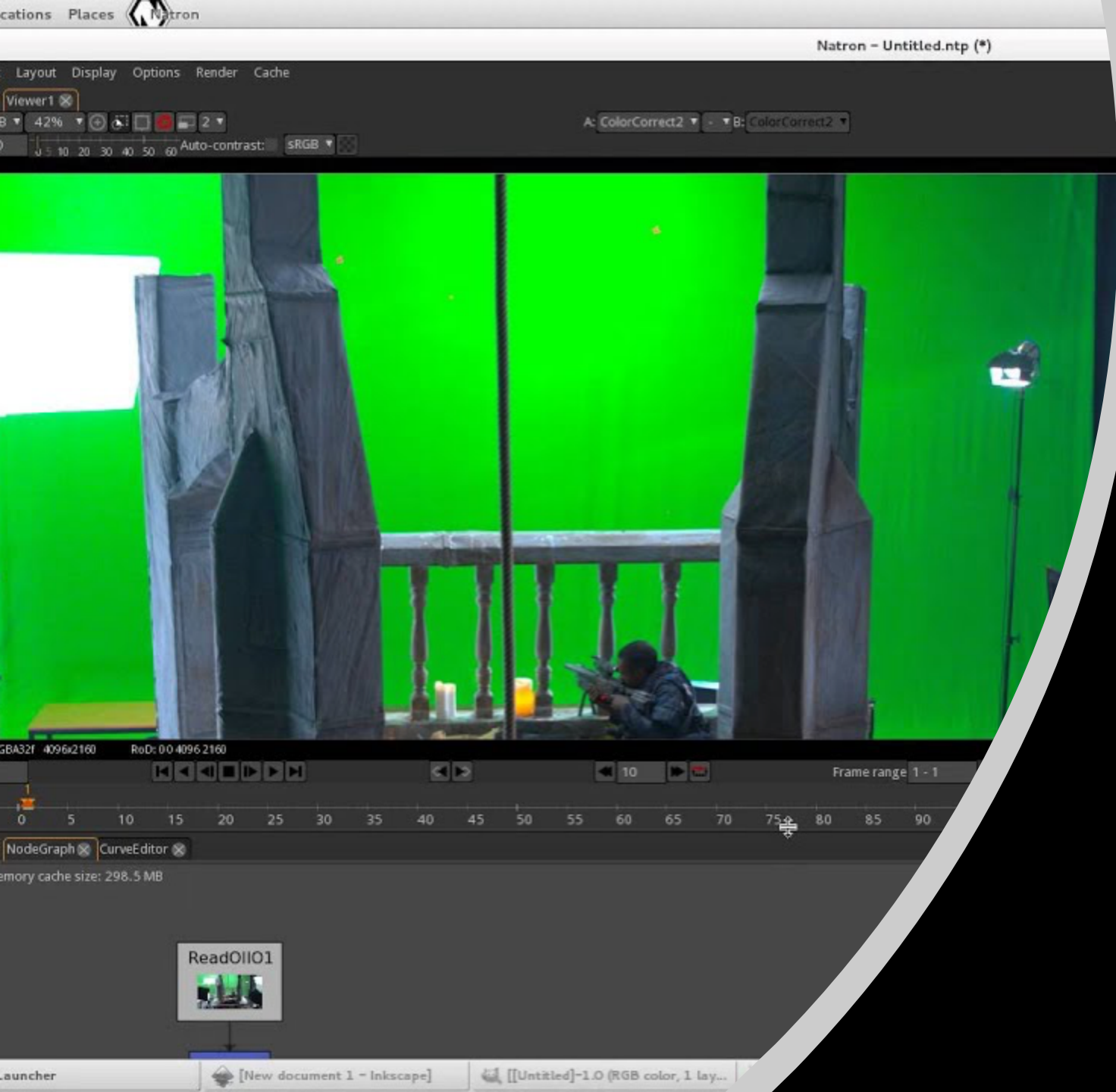
We Need to Make it Easier
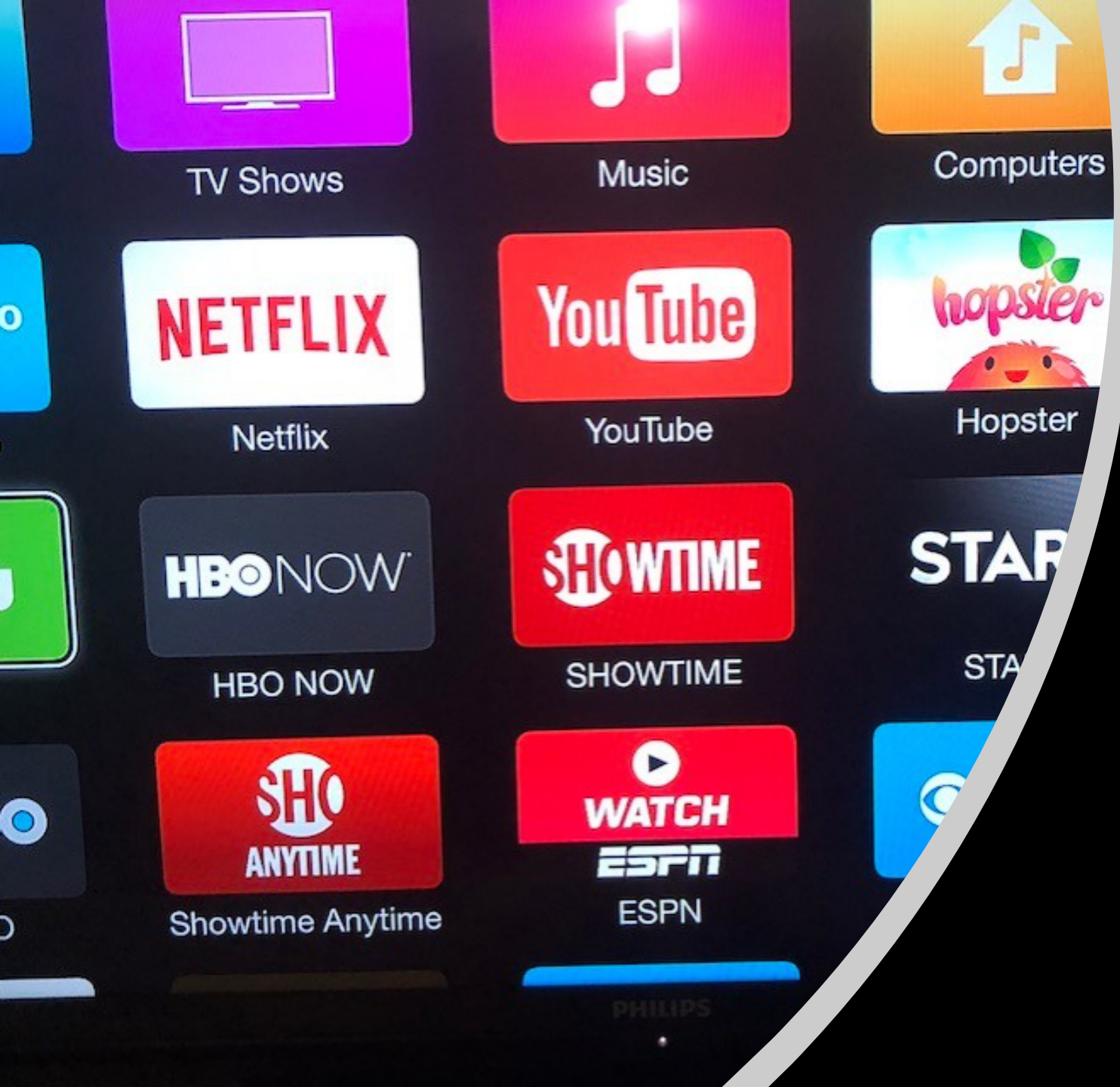
Scenario 1

Streaming
Release Dates

Observations for Broadcast Streaming

- Hybrid with multiple Cloud Service Providers
- Multiple and diverse 3rd party vendors
- Previous site assessments provide limited assurance
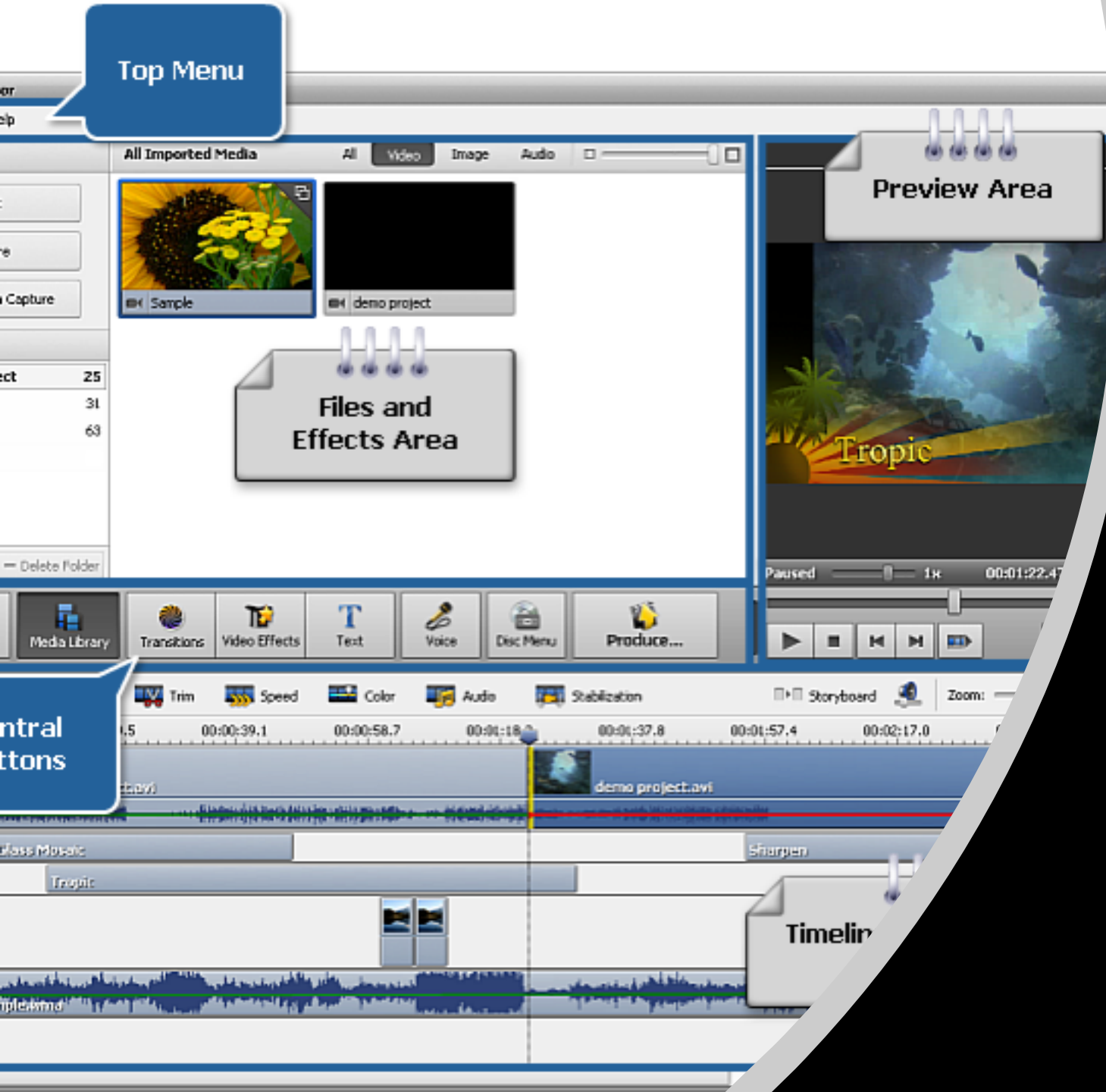- New approach required

Observations for vfx Vendors

- COVID forcing / speeding up change
- Lack of Work from Home (WFH) guidance
- Use of Public and/or Private cloud increasing
- Previous site assessment provide limited assurance
- Need to free vendors from security restrictions, whilst remaining secure

Scenario 3

Application Service Providers

App Service Provider findings

- Vulnerability management
- Network configuration
- Active security monitoring
- Security testing
- CSP training
- Hardening
- Firewall configuration
- Centralized ID management

- Need for a more flexible, agile approach
- 3 primary domains:
  - Site
  - Cloud
  - Application
- WFH is here to stay, need to remain aligned to technology

Different Use Cases

- One size fits all assessment is no longer suitable
- Use cases:
  - Onsite
  - Hybrid
  - Full Cloud
  - SaaS provider
  - Cloud Service Provider

A Blended Approach

Combining Assessments

- Multiple standards and Best Practices
  - Centre for Internet Security (CIS) Baselines for Public Cloud Environments
  - Cloud Security Alliance (CSA) Cloud Controls Matrix (CCM)
  - ISO
  - OWASP Application Security Verification Standard (ASVS)
  - Cloud Service Providers Best Practice
  - MPA Best Practice
- Supported by appropriate tools

Summary

- Landscape is changing
- Need to keep pace with technology
- Vendor frustration at lack of clear guidance
- Security requirements shouldn't block progress
- Flexible and agile
- Easier than you think

Q&A