Correctional Education

Providing secure educational resources to the incarcerated to reduce recidivism

## Addressing the Challenges of Correctional Education

Prison classroom environments can be ineffective, isolating and unsuccessful due to the complexity of delivering resources to offenders on locked-down devices. Meanwhile, providing access to educational resources can provide an avenue to reduce recidivism in order to reduce the cost of housing offenders.

The correctional industry must find a way to deliver courseware and other applications to offenders readily, and must do so in a secure manner. VMware's Digital Learning Platform (DLP) offerings fulfill these training and education needs.

What is Correctional Education on VMware's Digital Learning Platform?

VMware's Correctional Education solution delivers a resource platform that provide offenders access to educational, occupational, legal, social, and community services through a highly-available, Single Sign-On application portal. This provides a similar experience to the application store from which users download apps onto their mobile devices, and is available on iOS, Android, Window 10, and MacOS endpoints, as well as via any HTML5-compliant web browser.

The goal of the Correctional Education solution is to provide a consumer-simple means of access to educational resources and other services to offenders while maintaining a secure environment for conditional access to applications that is based upon custom policies. Additional control is provided through the implementation of integrated endpoint management, network microsegmentation, and multi-factor authentication. The Correctional Education solution allows for a consumer-level experience in a siloed and regulated environment.
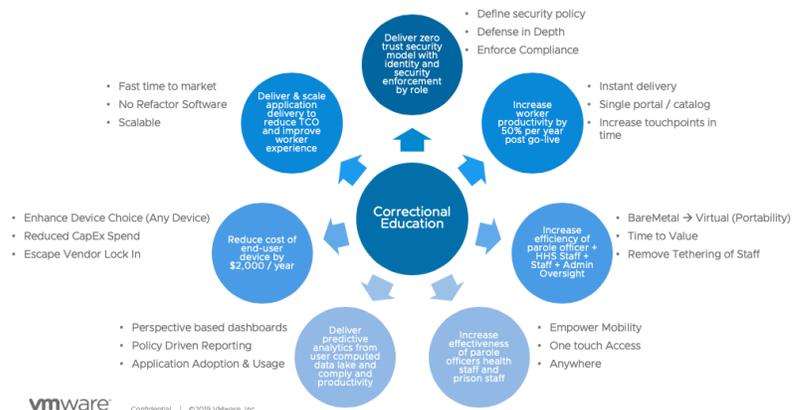
Correctional Education Mission Impact

Just-in-Time Application Delivery and Modern Device Management

VMware's Digital Learning Platform validated platform combines industry-leading Unified Endpoint Management capabilities with best-in-class app and desktop virtualization technology to create a seamless end-user experience that can be controlled precisely in the correctional environment. VMware is listed in Gartner's Magic Quadrant as the world's leading software provider in this space.

VMware's Digital Learning Platform enables you to manage devices, application, content, and email through the full lifecycle. Modern management of Apple macOS and iOS, Android, ChromeOS, and Windows allow for complete device control, security posturing, and retriction to the full extent of the device's capabilities, along with delivery of native, custom, and Software as a Service applications with Single Sign-On.

Additionally, through leveraging VMware's world leading Virtual Desktop Infrastructure (VDI) capability, traditional Windows applications can be accessed from any endpoint device. This allows for consumption of those applications from a low-cost device without direct access to the system on which the application is running.

Through leveraging Aritifical Intelligence / Machine Learning algorithms**, organizations** can leverage an advanced reporting, automation, and analytics engine to determine which resources are being utilized and by which users. This allows you to track program adoption, resource utilization, and other valuable metrics, and to correlate those with other institutional information like behavioral statistics and recidivism.

This joint solution delivers easy deployment of a combined end-user computing solution for device management and application delivery in the correctional environment.

Summary

The modern correctional environment is unique, complex, and isolating, and can make delivering educational resources challenging. Security of the device, applications, and access policies presents obstacles that are uncommon to other learning environments.

Providing services, learning, social, health, and other resources to offenders can lower recidivism and the cost of housing offenders. This comprehensive VMware solution provides correctional education entities with the tools needed to deliver resources, along with improved accountability, security, analytics, and management of the entire process.

For more information on Correctional Education Solution, please contact your VMware representative.

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