



VDOT's Move To Web Based Training: A Case Study

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Background

Materials Certification Schools (MCS)

- **Trains the people doing QC/QA on the projects**
- **13,000 certifications in the database**
- **50% VDOT / 50% non-VDOT**
- **5 year cycle**

Background

Business Need Identified (2003)

- **Mandate from the legislature to stop using SS#'s**
- **Directive from the Commissioner to consolidate training records**

Background

Response To Need

- **VDOT starts looking at Learning Management Systems (LMS)**
- **Procurement initiative becomes statewide, headed by DHRM**

Background

Result

- **Commonwealth purchased LMS from Meridian KSI (2004)**
- **Eight largest state agencies began implementation (2005)**

Background

Result

- **VDOT's version of the Meridian LMS becomes VDOT University/Virtual Campus (VDOTU/VC)**
- **Managed by VDOT's Learning Center**
- **Vendor hosted**



VDOT University Virtual Campus - Login - Microsoft Internet Explorer provided by VDOT

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Address https://virtualcampus.vdot.virginia.gov/kc/login/login_vdot.asp?kc_ident=kc0001&strUrl=https://virtualcampus.vdot.virginia.gov/default.asp

Register Login Site Tour

VDOT UNIVERSITY


VIRTUAL CAMPUS

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VDOTU/VC

Functionalities applicable to MCS

- **Repository for certification records**
- **Online registration**
- **E-commerce**
- **Platform for web based training**

VDOTU/VC

Repository for certification records

- **Migrated existing certification database into VDOTU/VC**
- **External customers able to manage records**

VDOTU/VC

On-line registration phased in over two years

- **2006 VDOT users**
- **2007 all users**

VDOTU/VC

E-commerce

- **2007 external users able to pay online**

VDOTU/VC

Platform for web based training

2007 MCS recertifications moved to web based e-learning

- Allowed assessments
- Flexibility (24/7/365)
- Minimize resource requirement

VDOTU/VC

Certification	Online Course	Proficiency
Aggr. Prop.	no	yes
Asph. Field	yes	yes
Asph. Plant	no	yes
Asph. Mix Des.	no	yes
CMA Plant	no	yes
Con. Field	yes	yes (ACI)
Con. Plant	yes	yes
Pav. Mknng.	yes	no
Slurry Surf.	yes	no
Soils & Agg.	yes	yes
Surf. Trmt.	yes	no

VDOTU/VC

Challenge

Computer access/literacy

Solution

Computers available at District offices

VDOTU/VC

Challenge

Communication (internal & external)

Solution

Training given in Districts

VDOTU/VC

Challenge

***!@#% TECHNOLOGY**

Solution

Customer Service !!!!!

VDOTU/VC

Let's look at a module!

VDOTU/VC

Was it a success?

- **2400 ± accessed the online courses in 2007**
- **\$35K saved in venue expenses**
- **\$40K saved in instructors time**
- **2007 Commissioner's Award for Outstanding Achievement**



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