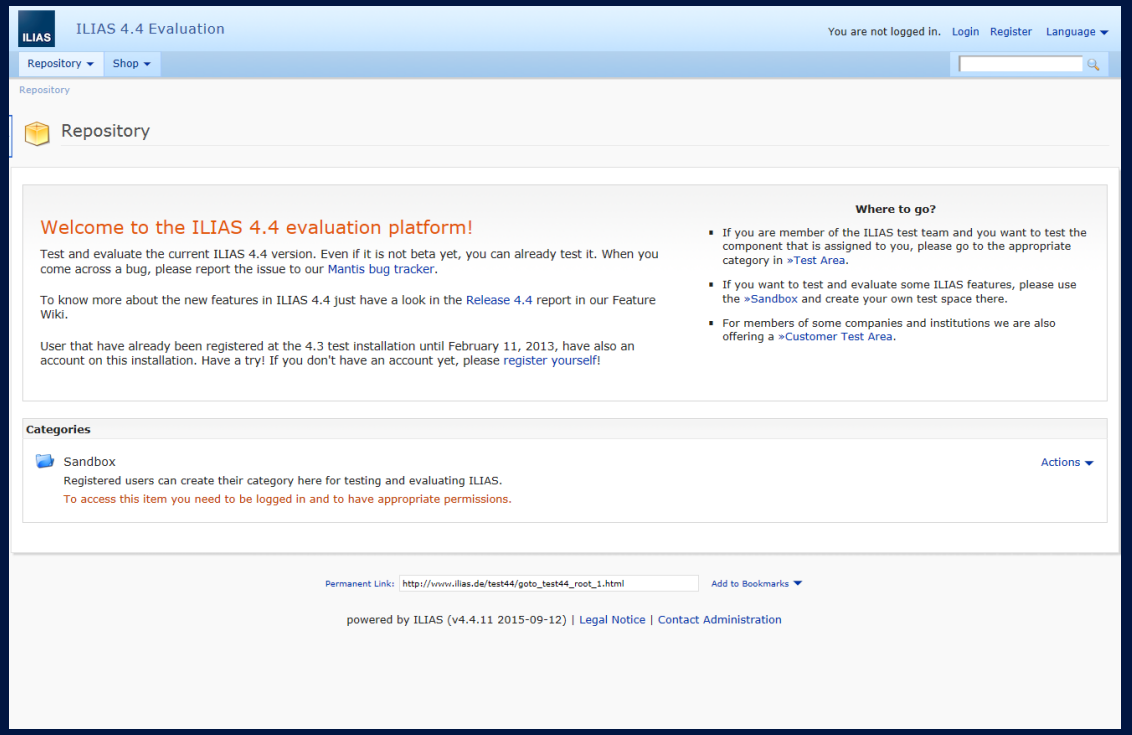
powered by ILIAS

The New LMS (Technical)

Remember Last Year?

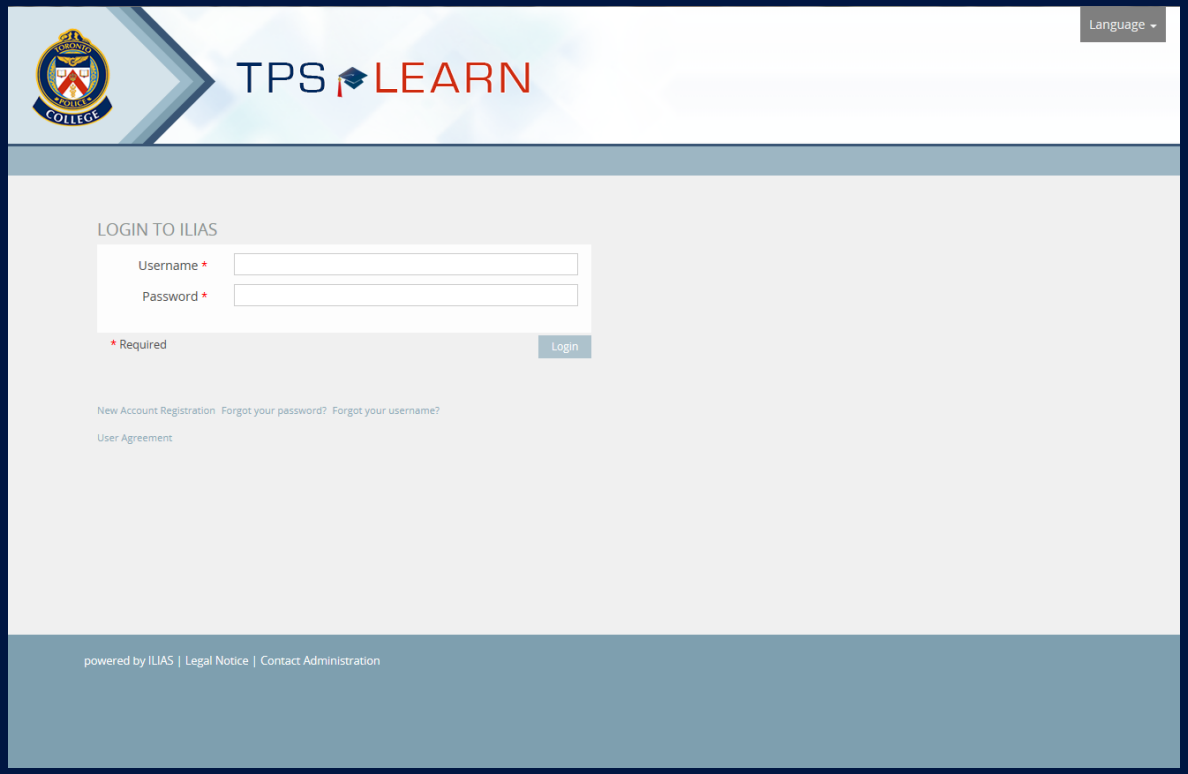
We were …

- Using Ilias Version 4.4
- Installed on a DEV server under our desk
- Planning out required infrastructure
- Confirming our tests about the possibilities of a “Course”



Well, We Did It!

- Ilias Version 5.0.4
- Anytime, Anywhere, Any Device
- Redundant Balanced Infrastructure
- Security Assessment Completed
- Stress Testing Completed
- Themes Created
- Plugins Developed and in Development
- Pilots are underway



Ilias Version 5

Open Source Community

ILIAS IS…

1. continually updating the CORE
2. keeping security certifications by NATO
3. adding 86 new functions in Ilias version 5.1
4. responding and interacting with the community through Mantis, GIT and Forums

"Ya, we got that!"

Any Device, Anywhere, Anytime

A New Infrastructure

2 Firewalls

Learners, Users & Malicious Attacks

Firewall

Load Balancer SSL Encryption

Firewall

LMS Core

- Web Server 1
- Web Server (n)
- Web Server (n)

Learner Data

- Primary Database (Writes)
- Secondary Database N (Read)
- Secondary Database N (Read)

Course Data

- File Server 1
- File Server (n)

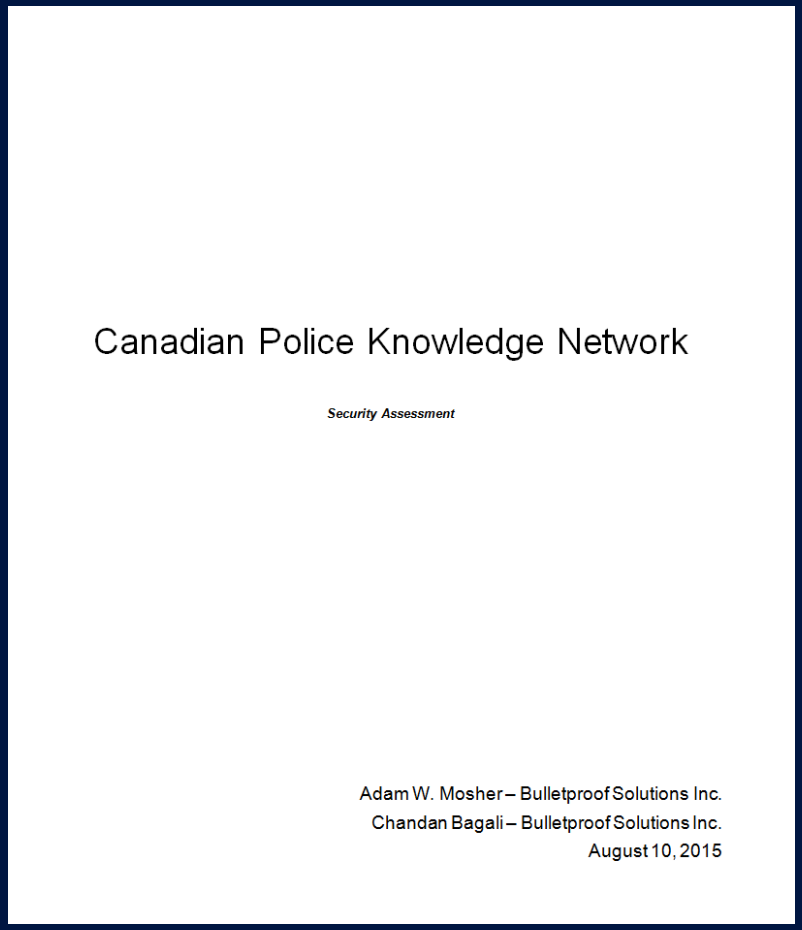
Application Data

- Application Server 1
- Application Server 2

Security Assessment

Completed on
August 10th, 2015

Want more information?
Let us know!

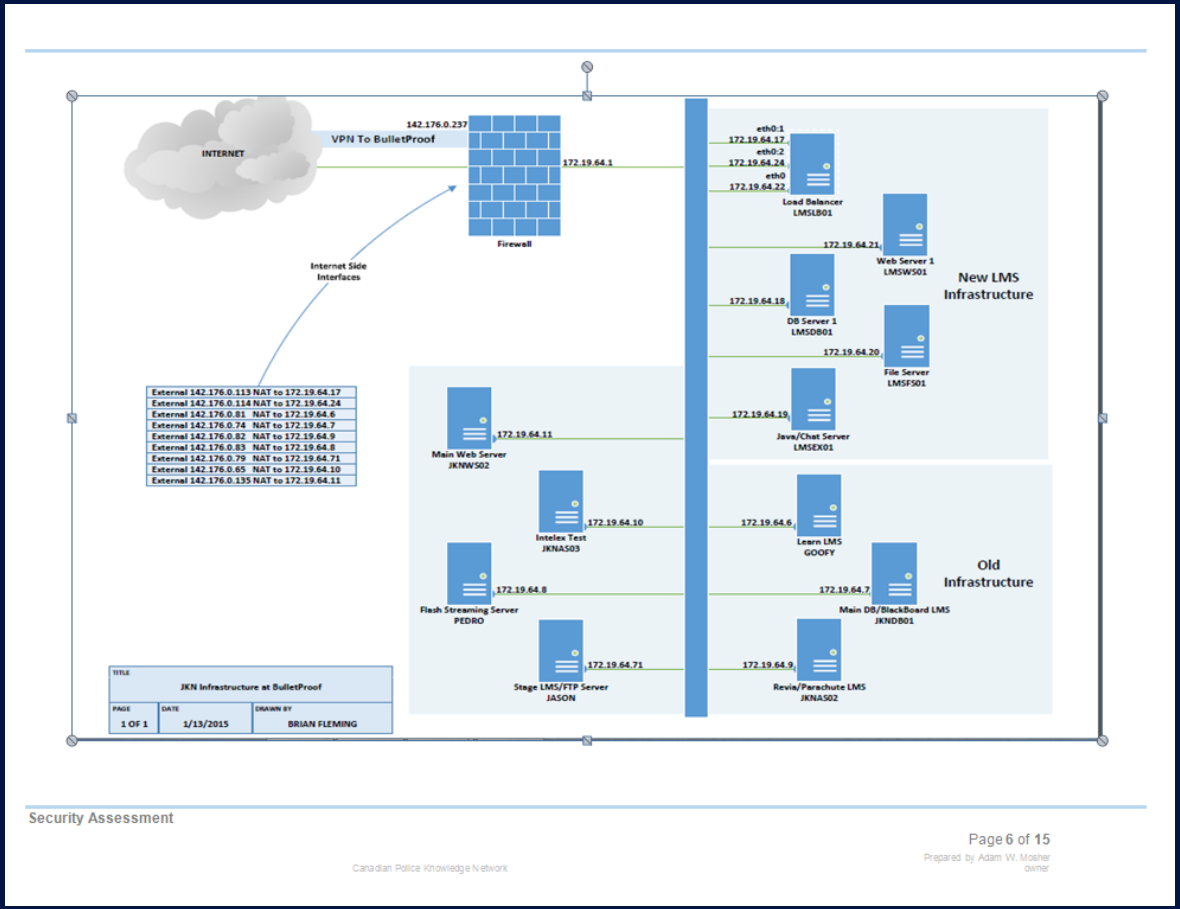

Canadian Police Knowledge Network

Security Assessment

Adam W. Mosher – Bulletproof Solutions Inc.
Chandan Bagali – Bulletproof Solutions Inc.
August 10, 2015

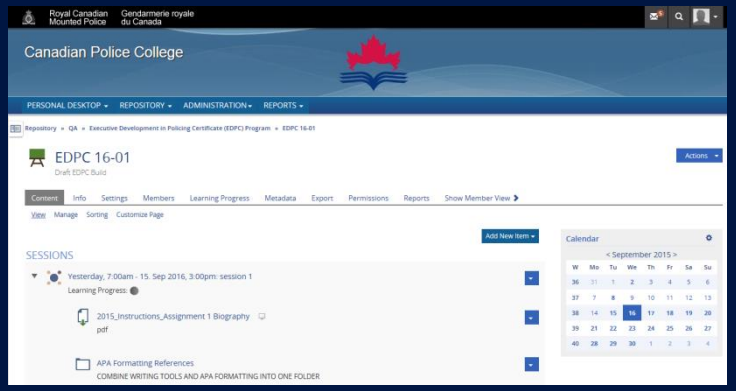
Stress and Penetration Tests

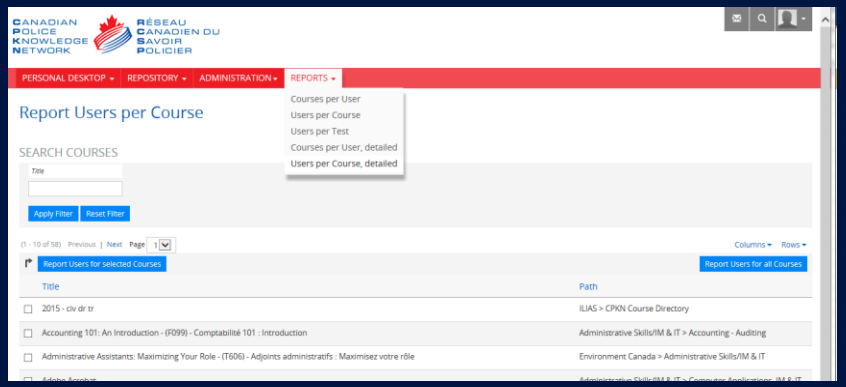
Infrastructure Tested

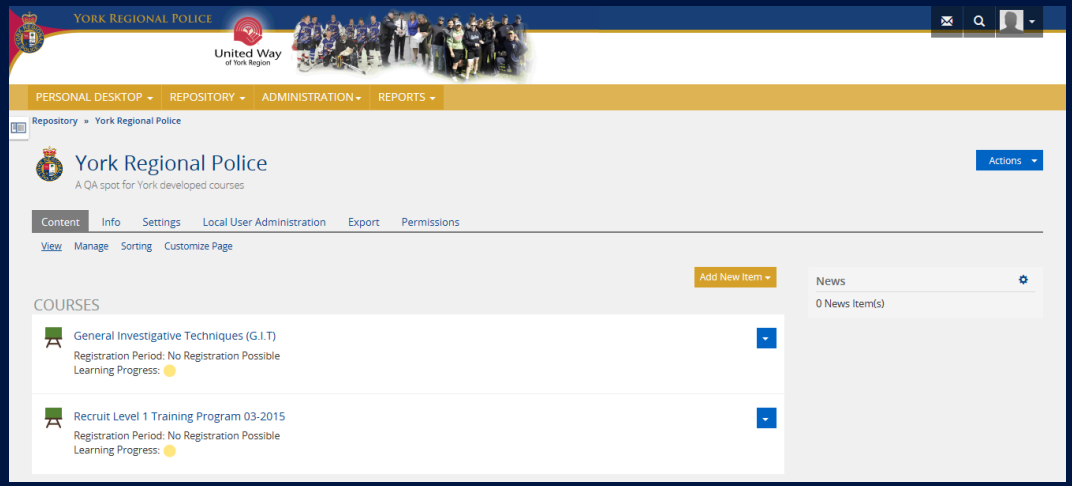


Themes Created

Each portal is branded according to your look and feel.







Plugins in Development

We can extend Ilias in any way you need. So far, we are working on:

1. Training Management System
2. Remote Authentication
3. Rubric Grading
4. Mark by Gradebook
5. Registrar Hook

Pilots Running

1. York Regional Police
2. Ottawa Police Service
3. Stratford Police Service