

# Foxcroft Academy 1-to-1 iPad Program



**An MDM success story in education**

# Mission

## Foxcroft Academy

Private boarding school serving ~400 students in grades 9-12 in economically challenged region of rural Maine.

## 1-to-1 program

Many of our day students lacked access to technology at home. Five years ago the leadership addressed this by implementing a 1-to-1 iPad program.

## Management

How can 2.5 IT staffers manage an additional 500 devices without stifling student and staff creativity, freedom and most importantly ensuring “buy-in”?

# Requirements

## The essentials

### Config profiles

Each student iPad needs WiFi, proxy, email, calendar, contacts settings, productivity apps and books.

## Happy adoption

### Buy-in by all

Too much freedom results in device misuse and teacher dissatisfaction.  
Too little freedom for students results in disuse.

## Ain't got time!

### Oh look. 500 more devices.

How does an IT staff of 2.5 and shoe-string budget cope without growing the department?

# Solution

JAMF Casper Suite...  
and some elbow grease.

Making the alphabet soup:

MDM integration on existing network using VLAN, DHCP and captive portal tricks. Writing custom software to integrate Linux, LDAP, student information systems and other services.

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No viable MDM solutions exist. Every device must be touched by IT staff.

JSS MDM integrate with LDAP, self enrollment, config profiles pushed.

WiFi specific proxy config and sane VPP options for education.

June 2011

June 2012

June 2013

June 2014

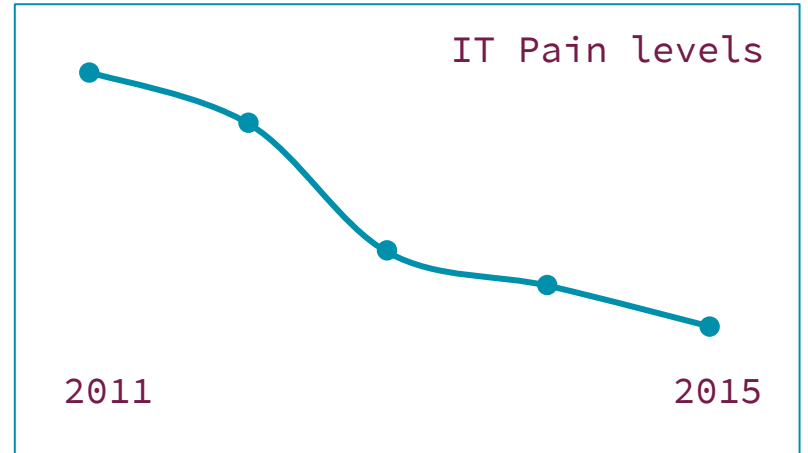
June 2015

Apple Configurator helps streamline but every device still touched by IT staff.

DEP, push apps, iBook and PDF content, remote remove lock screen.

# Result

Happy students, happy teachers and happy IT.  
Mostly.



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