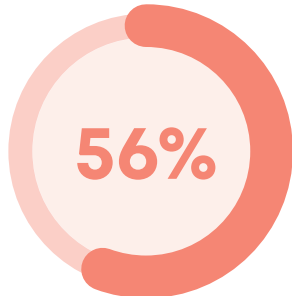


Jamf Safe Internet: A Case Study on How Two Schools Successfully Eliminated Online Threats to Students

According to Research*:



56% of 11-16 year olds have encountered inappropriate, explicit material such as pornographic content online, either intentionally or by accident.



21% of secondary school students have admitted to viewing violent content online.



Over 23% of children have been exposed to hate speech on the internet, while **only 9% of parents** are aware of their child's experience.



One-Third of children aged 12-15 have encountered sexist, racist or discriminatory content online.

*The provided statistics are based on research data obtained from Ofcom (2016), National Society for the Prevention of Cruelty to Children (2016) and Internet Matters (2023)

Eliminating Online Threats in Irish Schools

In early 2024, Wriggle engaged with two of our Post Primary schools to set up a trial of a web content filtering system named Jamf Safe Internet. We named these Pilot 1 and Pilot 2.

St. Vincent's Castleknock College in Dublin and **Coláiste na Mí** in County Meath are 1:1 iPad schools, where each student has their own device for learning. Both schools had previously experienced web-related issues and were worried about the online safety of their students, hence, were excited to give Jamf Safe Internet a try.

For both schools, the goal of the pilot study was to eliminate as many cyber-threats as possible, in order to ensure a safe, distraction-free digital learning environment. This included **preventing access to any website that could lead to inappropriate content, such as social media applications, gaming and gambling websites, websites containing adult content, and any website containing illegal, violent or extreme content.**



What is Jamf Safe Internet?

Jamf Safe Internet is a network threat protection and content-filtering solution for education, **integrated with Jamf's flagship Mobile Device Management (MDM) solution, Jamf School**, for simple, powerful student and user protection.

Jamf Safe Internet is compatible with:

- ✓ Apple Devices
- ✓ Windows Devices
- ✓ Chromebooks

It combines best-in-class network threat prevention and a vast content-filtering database to block unsafe content and malicious attacks such as malware or phishing, so that students can learn safely regardless of their location **whether at home or in school**.

Jamf Safe Internet allows schools to help students be safe on the internet without invading their privacy. The student's identity and device details are not visible within the system.

Pilot 1: St. Vincent's Castleknock College



In February of 2024, Wriggle engaged with St. Vincent's Castleknock College in Dublin to setup a pilot programme involving 214 1st and 2nd year students using iPads. During the pilot, the school and Wriggle monitored app behaviour, web traffic and threat prevention. Phishing attempts were tested using a demo student device visiting a known 'threat ops' website.

Following the trial period, the school leadership team were thrilled with the results and have since opted to fully integrate Jamf Safe Internet into student and teacher devices.



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**Jamf Safe
Internet has
streamlined
our ability
to control**

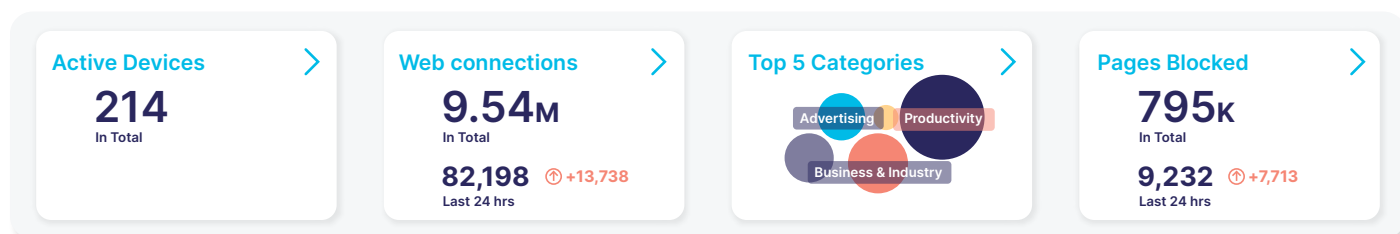
**internet access, ensuring our
students stay safe, focused and
on task.**

**Mary Wall, Deputy Principal,
St. Vincent's Castleknock College**

Results:

Since the pilot began;

- ✓ **9.5 million web connections** have been processed, and **795,000 web pages** were blocked.
- ✓ Some websites found **under allowed categories** were also blocked.
- ✓ A previously unknown gaming website was detected and reported to **Jamf**, and the site was **blocked within 24hrs**.
- ✓ **126 Phishing** and **109 Malware** attempts have been prevented.



Category	Transactions	Blocked Transactions
⊕ Maleware Network Traffic	109	109
⊕ Phishing	126	126
⊕ Spam	30	30

Category	Transactions	Blocked Transactions
⊕ Social	726K	726K
⊕ Games	64,057	63,975
⊕ Illegal	3,735	3,735
⊕ Adult	503	503
⊕ Gambling	197	197
⊕ Advertising	1.08M	130
⊕ Technology	1.21M	106
⊕ Business and Industry	1.62M	77
⊕ Shopping	32,759	57
⊕ Productivity	1.99M	44
⊕ Communication	21,777	13
⊕ Extreme	6	6

Pilot 2: Coláiste na Mí



In May of 2024, Wriggle engaged with Co. Meath school Coláiste na Mí in a pilot programme for Jamf Safe Internet, involving 175 1st year students using iPad. During the pilot, the school and Wriggle's iOS engineers monitored app behaviour, web traffic and threat prevention.

Impressed with the trial results, the team at Coláiste na Mí made the decision to extend Jamf Safe Internet use to all student and teacher devices.

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Jamf Safe Internet's filtering and monitoring tools have

given parents and teachers peace of mind, knowing our students are safe online.

**Michael McCarthy, Deputy Principal,
Coláiste na Mí**

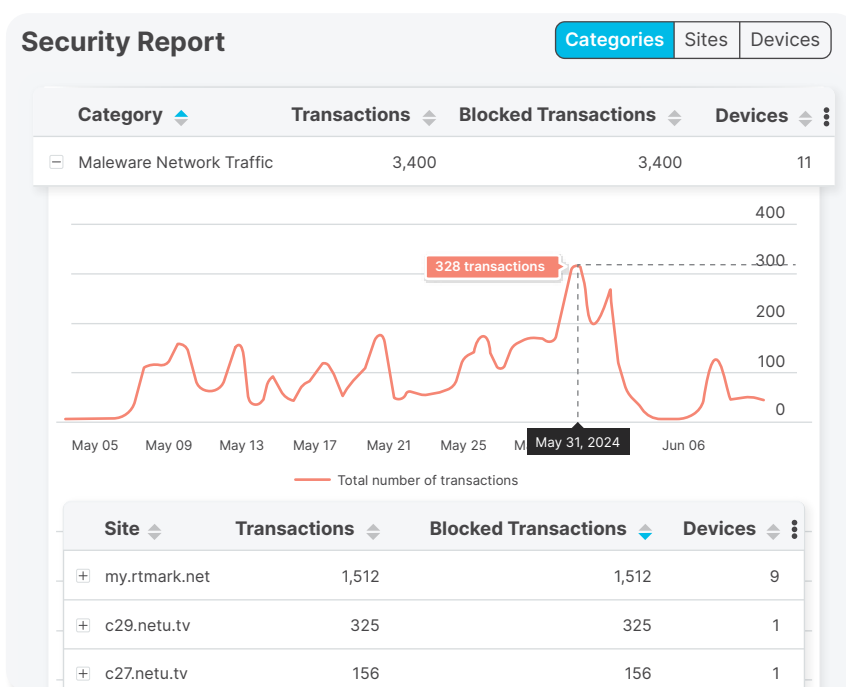


Results:

Since the pilot began;

- ✓ **14.5M web connections** have been **processed** and **1.38M web pages** were **blocked**.
Some websites found under allowed categories were also blocked.
- ✓ **1,140 Phishing** and **3,400 Malware attempts** have been **prevented**.

What started out as a temporary trial has now become an indispensable component of cyber security for the leadership team at Coláiste na Mí.



Active Devices

175

In Total

Web connections

14.5M

In Total

37,833 ⬆️ +868
Last 24 hrs

Top 5 Categories



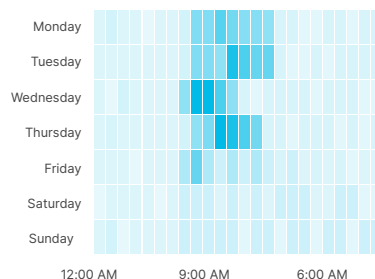
Pages Blocked

1.38M

In Total

1,669 ⬇️ -1,191
Last 24 hrs

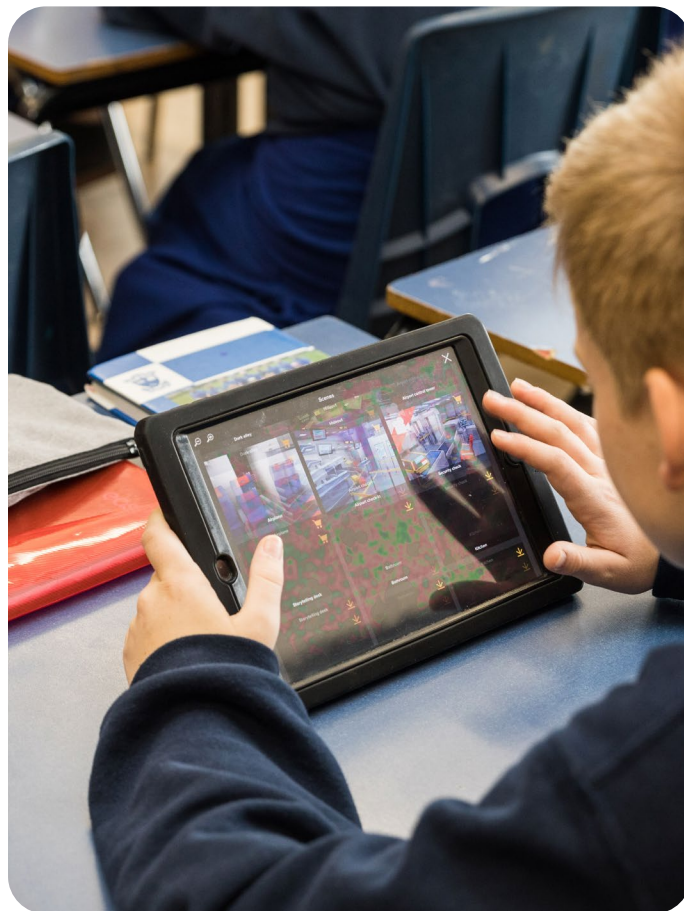
Data usage



How can I get Jamf Safe Internet?

€5
Per Device
Per Year

Jamf Safe Internet is charged at just **€5 per device per year** and the service is also available for **Windows and Chromebook operated devices**, in addition to **Apple products**.



To discuss how to implement **Jamf Safe Internet** on educational devices in your school, contact sales@wrigglelearning.ie to speak to one of **Wriggle's Education Solution Specialists**.

