

IT Infrastructure Report: June 8 to July 13, 2026

Executive Summary

This reporting period showed a significant increase in network activity and security alerts, with total events rising by over 1.2 million compared to the previous month. While account security remains excellent with no policy violations noted, the volume of network threats increased substantially, indicating a higher level of external activity. Visitor usage remained relatively stable across both sites, though connection events saw a large jump. A Near Bar was installed in Leesburg Electronics/Classroom space to support virtual meetings. The Leesburg Arlo front door cameras have been moved.

Cybersecurity

The overall security posture saw a significant increase in activity, with the firewall blocking 10,731 attempts across both locations. Account hygiene remains excellent, as there were no account lockouts or other policy violations recorded. Security alerts were significantly higher this month, with 835 being activated compared to 551 previously, suggesting a higher volume of security events requiring review.

Space & Network Usage

Visitor activity was active at both locations, with Leesburg seeing a notable increase in visitor device connections, up by 27 compared to the prior period. The Leesburg site experienced peak activity during the evenings and mornings, with the busiest times being Monday evenings, and the average visit length was about 24 minutes. Purcellville also saw increased connection events, with visitor device activity growing by 54 compared to last month.

Tool & Equipment Usage

Lasers

The laser equipment was used on 33 of the 35 days in the period, with a total of 555 jobs completed. The Leesburg CO2 Laser was active on 31 of those days, completing 400 jobs, while the Purcellville Fiber Laser was active on only 4 days, completing 39 jobs.

3D Printers

The utilization for all 3D printers was very low, which is normal for a makerspace environment.

- **X1C-001** at Leesburg was used 10.4% of the time.
- **X1C-002** at Leesburg was used 4.6% of the time.
- **H2S-Leesburg** at Leesburg was used 10.6% of the time.

- **P2S-Leesburg** at Leesburg was used 8.4% of the time.
- **H2S-Purcellville** at Purcellville was used 7.1% of the time.
- **P2S-Purcellville** at Purcellville was used 2.7% of the time.

Website Reliability

The main Makersmiths website remained highly reliable, staying up 99.875% of the time, with only a short downtime of about 1 hour. However, the Wiki experienced significant downtime, staying up only 86.04% of the time, which resulted in a substantial outage of about 117 hours.