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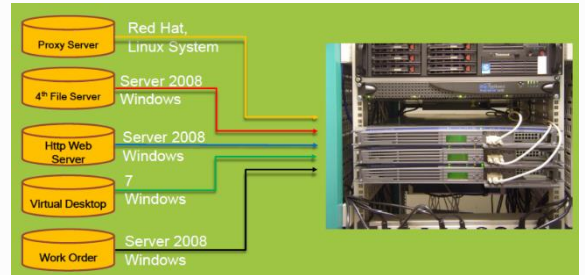
## Internship Summary Report 美國 Inteplast Group 工讀實務報告



1. Information Technology Maintenance
2. Safety Training System for Safety Department
3. Long Range WiFi Deployment
4. Enterprise Network Management
5. Deploy Proxy Server - Squid

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介

At information technology maintenance department, our duty is to keep the computer and network online, so it won't affect production time. We need for **preventative maintenance, troubleshooting procedures** for problems as they occur, and **improvements project** for critical areas are the major part of what I learned during the internship.



**Amtopp Safety Training System** is a project **start from scratch**, I create a website and database by **PHP, CSS** and **MySQL Database** by myself, let employee could study the safety training class and take the activity and exam **online** (Before this we used to watch safety training video and take an exam with paper). And also could help employee to do the written program and read responsibilities.



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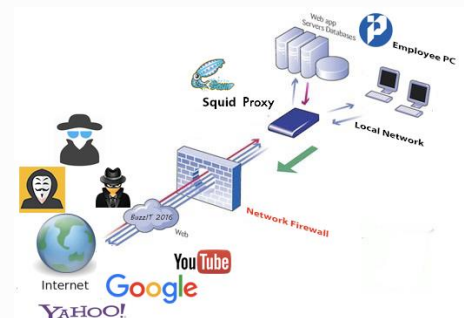
**Long Range WiFi Deployment** is a great experience, I was excited when standing on the JLG lift, you need to watch your step when you walking on the roof top, **setup the satellite and adjust the angle**, it's pretty hot up there, but it's worth.



**Proxy Server Deployment Squid** is a caching proxy, it improves response times for the web and have the access controls to **protect enterprise network** away from the people with bad intention.

```
# 2. Access Control List, Define user could access by this proxy.
acl localnet src 10.0.0.0/8      ← Private IP Setting
acl localnet src 172.16.0.0/12
acl localnet src 192.168.0.0/16
acl localnet src fe00::/7
acl localnet src fe80::/10
# The above setting is set up two user (localhost, localnet) and an ac
# BuzzIT 2016

# 3. Define Ports.
acl SSL_ports port 443          ← Encrypted Port
acl Safe_ports port 80         ← Http Port
acl Safe_ports port 21         ← ftp
acl Safe_ports port 443        ← https
# Define SSL_ports and common ports Safe_ports
acl CONNECT method CONNECT
```



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實習期間：Sep, 2015 ~ Sep, 2016

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