STEP CG

Network Engine

Designed to be the one device that sits between your organization & the Internet

Network Engine automation completely revolutionizes network administration and integrates components to control the end-user experience.

Market Landscape

From K-12 Education to Government, large venues, and Medical, IT departments everywhere need more efficient management of their wireless. Current network designs are heavy, complicated, and often feature poor WiFi performance. Scaling is an issue with the ever-growing amount of broadcast and multicast traffic.

Business Driver

With networks more susceptible than ever to larger scale attacks, a need to prioritize traffic and ensure that activities go uninterrupted is crucial. There is also pressure to reduce the overhead for network administration while making complex tasks simpler.

STEP CG Solution

With most firms, the IT department is often under-staffed or lacks the training to provide the ultimate end-user experience. STEP CG's Network Engine enables a network to automate so you can accomplish tasks that have never been possible before.

Better Your Network Performance

Privacy & Security
- Personal Area Networks (PANs)

Captive Portal
- Integration with Property Management Systems
- Multiple Login Options

Better User Experience
- Control everything about the user experience

Revenue Generation
- Make your network pay for itself
- Integration payment processing

Automation
- Zero operator intervention required
- Adaptable user policy based on triggers

The Network Engine Advantage

By incorporating everything an operator needs to exert total control over of the user experience, STEP CG's Network Engine delivers clear communication and the ability to deliver complete cognizance of the end-user population.

Unlimited Options & Combinations = Better User Experience

Unlike typical NAC solutions, the STEP CG Network Engine is a Layer-7 application router. It is fully session aware and can change experiences based upon numerous user behaviors.

It also provides different levels of access based on how much a user was charged. STEP CG can change level of access based off user traffic patterns, slowing it down if using bit torrent, for example.

- Multiple uplink control
- Traffic shaper
- Content filter
- Deep packet inspection
- Interstitial redirection
- Payload re-writing
- Event triggers
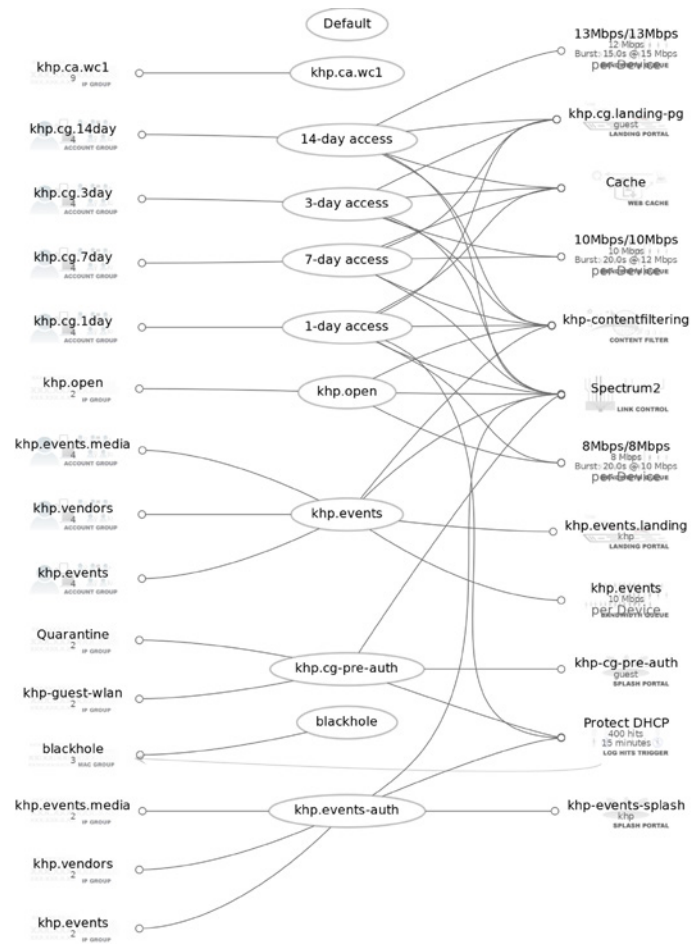
Network Engine Solves Your Challenges

With STEP CG, now the look and feel of a network can be customized while taking automation to the next level of adaptability and scalability.

Beyond the end-user having the absolute best (and secure) experience, organizations have a desire to collect useable data that can be turned back into revenue in the future. STEP CG delivers on the pressing need for users and business to have live analytics of everything touching or passing through their networks.

And our Network Engine's Layer-7 application router is fully session aware and can change experiences based upon numerous user behaviors with unlimited options and combinations.

About STEP CG

STEP CG is a highly innovative, award winning, nationwide IT services engineering firm headquartered in Northern Kentucky/Greater Cincinnati. STEP CG solutions are powered by strategic experts and best of breed technologies solving our customers' most complex IT challenges. Our expert engineers provide customers with solutions for cloud, security, collaboration, core infrastructure, and managed services. STEP CG is where innovation meets execution.