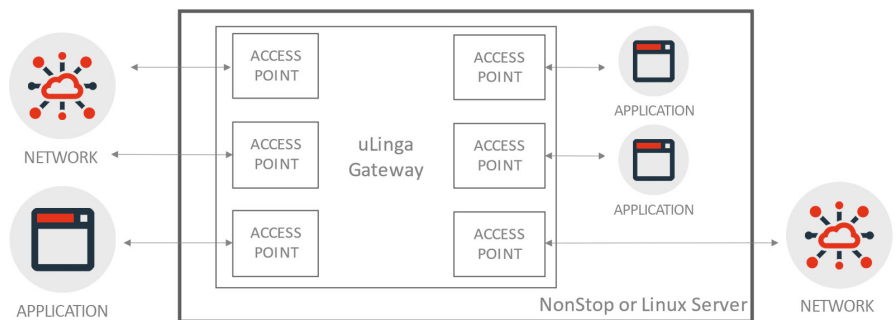


# ULINGA GATEWAY

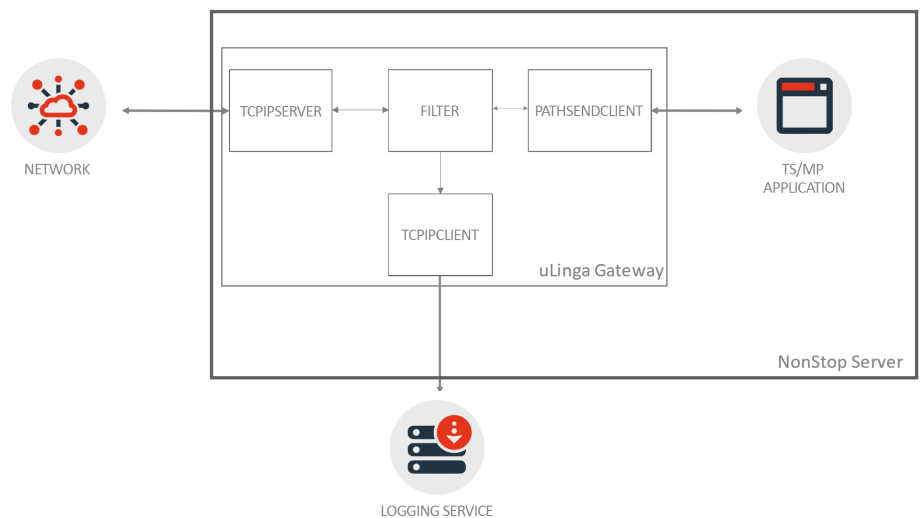
High performance,  
any-to-any  
protocol and data  
transformation.

As NonStop users migrate their applications, devices and endpoints from older legacy protocols to newer, TCP/IP based approaches, they sometimes find that this approach leaves them with "gaps" in their network support. Perhaps an existing application needs to support HTTP clients, while retaining its Guardian IPC access points. Or another application needs to retain its SNA-based APIs, while its endpoints move to TCP.

uLinga Gateway is a multi-use, multi-protocol gateway that can support a wide range of network-facing protocols, and an equally wide range of APIs for NonStop applications.



uLinga Gateway also supports a "filter" function, allowing for messages to be split and sent to multiple backend applications. This could support, for instance, the need for messages to be sent to a logging process, in addition to the ultimate backend application.





## Features

uLinga Gateway supports the following network protocols:

- ▶ TCP/IP
- ▶ HTTP/1.1 and HTTP/2
- ▶ TLS

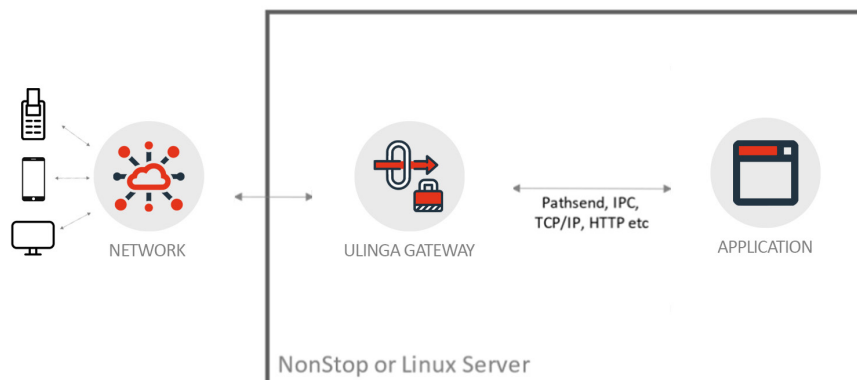
uLinga Gateway supports the following NonStop application programmatic interfaces:

- ▶ Guardian IPC (both requester and server)
- ▶ Pathsend (both requester and server)
- ▶ TCP/IP (both local loopback and external)
- ▶ HTTP/1.1

uLinga Gateway also provides extensive diagnostic facilities, with both logging and tracing functions.

## Use Cases

uLinga Gateway can be used, for example, to allow server applications to communicate with network devices, without the server applications needing to support the native protocols of the devices. The application uses whatever protocol it is able to handle, and uLinga Gateway transforms that protocol into whatever protocol(s) the network devices require.



### Extend API Gateway Functionality

With its comprehensive HTTP support, uLinga Gateway naturally complements any API Gateway solution. While most API Gateways have extensive HTTP support, they usually do not support any other protocols, and on the NonStop, may be limited in terms of their APIs. uLinga Gateway can work with other API Gateways to provide more complete API and protocol support.

## System Requirements

HPE NonStop System

- ▶ H06.15 or later
- ▶ J06.04 or later
- ▶ L17.02 or later



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\* uLinga is developed and owned by Infracore Pty Limited, Sydney, Australia.