HTTP/2 Signalling Controller

The HTTP/2 Signalling Controller offers bespoke solutions for Interworking (IWF), Routing (SCP) and Network Edge (SEPP) Functionality

Networks are becoming more complex as operators run 4G LTE, IoT, VoWiFI, VoLTE, VoIP and SS7 network components alongside 5G HTTP/2 components. The additional traffic generated by 5G is compounding problems.

The HTTP/2 Signalling Controller enables forward and backwards compatibility between 5G and legacy network generation, while managing routing, interworking and security of HTTP/2 traffic, maximising 5G SA (standalone) coverage for your subscribers.

Features

- HTTP/2 traffic management
- Advanced network edge security
- Legacy network compatible
- Integrated fraud prevention gateway
- Seamless 5G, 4G, 3G roaming
- WiFi offload

To find out more:
Scan the QR code to contact one of our experts
Visit - www.squire-technologies.co.uk
Email - enquiries@squire-technologies.com

SVI-HSC

Optimise 5G SA and 5G NSA Coverage for Your Subscribers

The HTTP/2 Signalling Controller delivers comprehensive 5G New Radio (NR) services, IP Multimedia Systems (IMS) management and network security, and forward and backwards compatibility with legacy 2G/3G/4G network components.

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SVI-HSC Specifications

Scalability	Scale up to 100,000 Transactions Per Second (TPS) through simple license based upgrades.
Network	IPv4 | IPv6
Transport Protocol	HTTP/2 | TLS | TCP | IP | L2
GSMA Guidelines	NG.113 FS 36 5G Security
Protocol Support	HTTP/2 | DIAMETER | RADIUS | SS7 | SIGTRAN | HTTP | SOAP | REST | XML | SQL
HSC Interface Support	N5, N7, N8, N12, N15, N16, N20, N21, N23, N24, N28, N30, N31, N32, N36, N40, N41, Rx (IMS)
Diameter Interface Support	Sh, Sd, Sy, Dh, Rf, Ro, Re, Cx, Dx, Sp, Rx, Gx, Gy, Gz Gq, Gi, SGi, Zh, Dz, Zn, Zn', Dw, Wa, Wd, Wx, Wm, Wg, Pr, Wm, Gmb, Mz, Bi, MM10, Ty, Tx, S6a, S6b, S6d, S7c, S9, S13/S13', Gxa, Gxb, Gxc, SWa, SWd, SWn, SWm, SWx, Sta, H2, Gq', E2, E4, E5, Re, A4, Rr, Zh, Zn, Cx, Dx, Pkt-laes-2, P-CSCF- PAM , Pkt-mm-2, TC-6, TC-7, TC-8, TC-9, TC-10, TC-11, DB-0, DB-2, BI-1, LOC-1, Rw, Rs

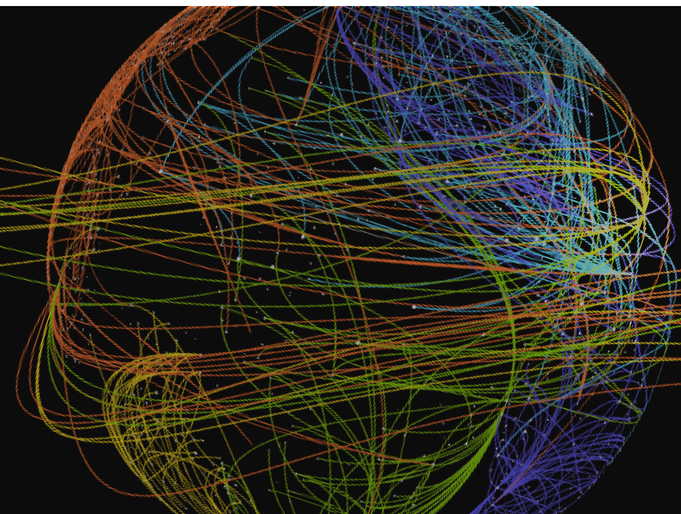
5G General Specs	3GPP TS 29.500v18.5.0 | 3GPP TS 29.501
HSC Specs	3GPP TS 23.501 3GPP TS 29.573 3GPP TS 33.501 3GPP TS 33.517 SCAS/SEPP IETF RFC 6749
SIGTRAN Support	RFC 4960 Stream Control Transmission Protocol RFC 3331 Signaling System 7 (SS7) Message Transfer Part 2 (MTP2) -User Adaptation Layer (M2UA) RFC 3332 Signaling System 7 (SS7) Message Transfer Part 3 (MTP3) – User Adaptation Layer (M3UA) RFC 3868 Signaling Control Part User Adaptation Layer (SUA) RFC 4165 Signalling System 7 (SS7) Message Transfer Part 2 (MTP2) User Peer-to-Peer Adaptation Layer (M2PA) RFC 3057 ISDN Q.921-User Adaptation Layer (IUA)

Performance

TPS	100,000
% CPU Usage	Avg 80%

Trusted by Customers Worldwide

- +150 Countries
- +400 Telecom Operators
- 30bn Transactions per second
- 11tn Transactions per year



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