

Charging Function

Customise subscriber contracts and diversify your offer using session or event-based charging across multiple applications and multi-generation networks.

The SVI-CHF enables operators to implement new revenue streams through highly flexible billing for customers, opening the way for diversification and improved competitiveness, such as network slicing charging.

Using the nCHF interface, the SVI-CHF enables real-time authorisation, policy control and accounting, and can support online (post-paid) and offline (pre-paid) charging individually or converge them in one platform. Using the 5G SVI-IWF (Interworking Function) the SVI-CHF can be used across multiple applications and can integrate with Diameter, Radius and SS7/CAMEL interfaces for multi-generation network billing.

Features

- Revenue stream creation
- Infrastructure life extension
- Extend customer lifecycles
- Multi-platform interop
- Unified flexible billing
- Flexible deployment

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-CHF



Experience 5G monetisation, scaling up billing for the demands of 5G Massive IoT, private networks, network slicing, eMBB and more.

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SVI-CHF 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
CHF Interface Support	N28, N40, N41
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
CHF Specs
SIGTRAN Support

3GPP TS 29.500v18.5.0 3GPP TS 29.501	
3GPP TS 23.501	
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)	
PS	100,000
CPU Usage	Avg 80%

Performance

Trusted by Customers Worldwide

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

