



SVI-OGW | **Open Gateway**

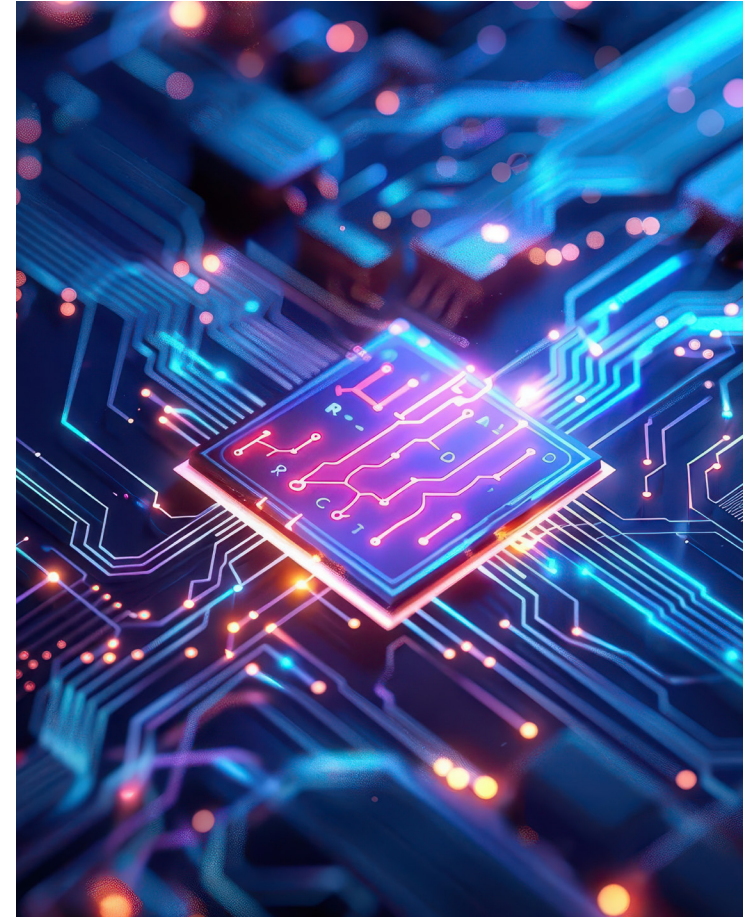


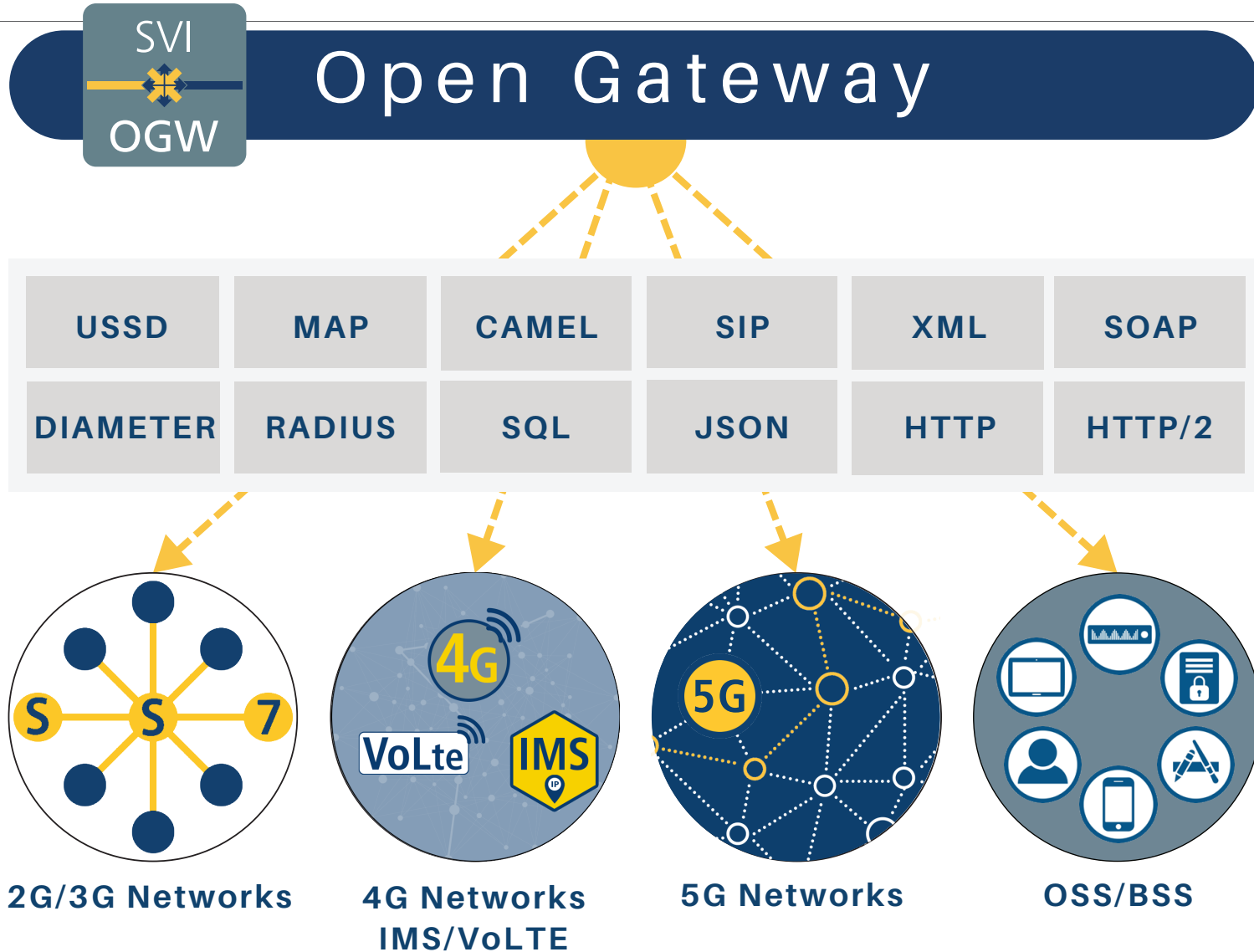
Signalling Specialists to the Telecoms Industry

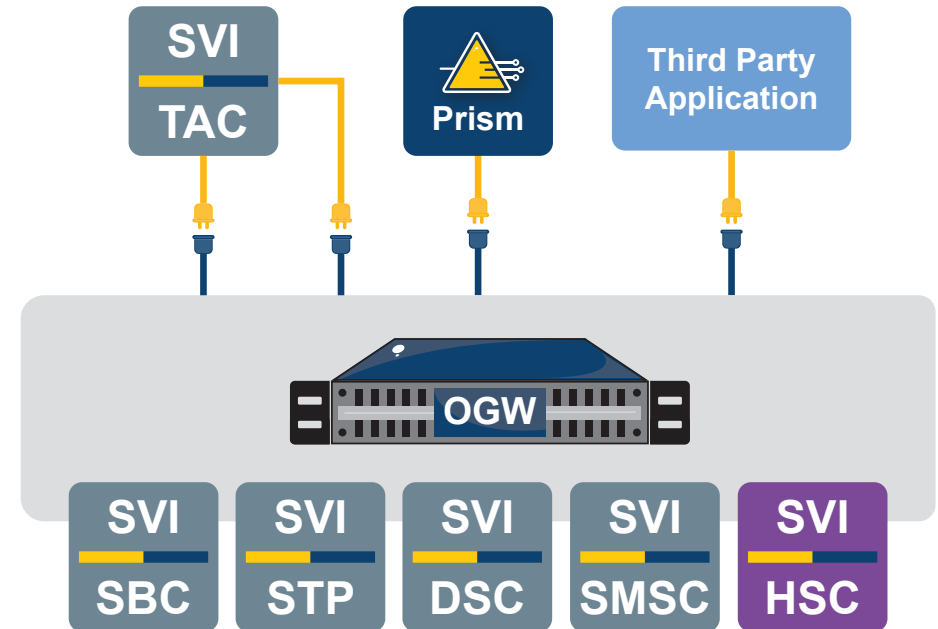
The SVI-OGW Open Gateway allows operators to rapidly devise, test and deploy services.

Whether you are looking to interwork HTTP/2, DIAMETER or SIP with legacy SS7 CAMEL/INAP/MAP, or you are looking to interface a new subscriber database over SQL/SOAP/HTTP into your incumbent networks the SVI-OGW provides the flexibility to achieve this.

- Leverage IMS, NGN and legacy infrastructure to deliver new and existing services.
- Mitigate against vendor equipment End-of-Life.
- Rapidly deliver custom services across disparate networks assurance options.
- Extend ROI on deployed network components.







The SVI-OGW communicates over socket based IP API's that present abstracted signalling data – i.e. HTTP/2, GSM MAP, CAMEL, USSD, ISUP, SIP, DIAMETER.

An API can be terminated on an SVI Telephony Application Client (SVI-TAC), or on a third party app for in-house development. The SVI-OGW supports SCTP streaming for monitoring applications.

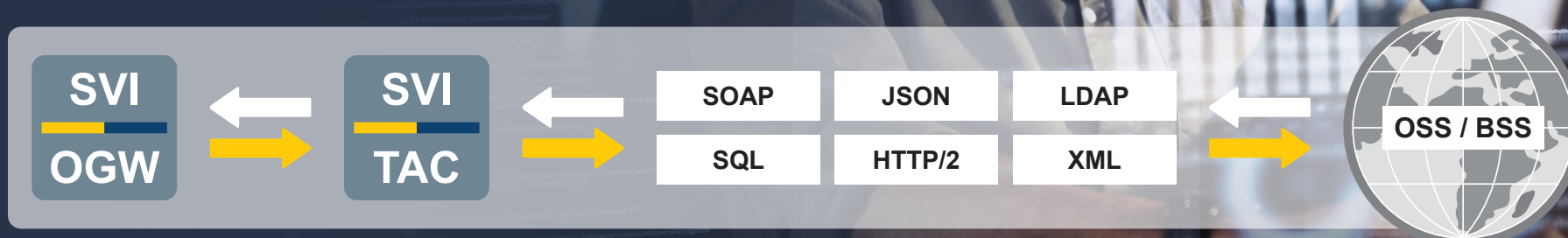
SVI-TAC - Telephony Application Client

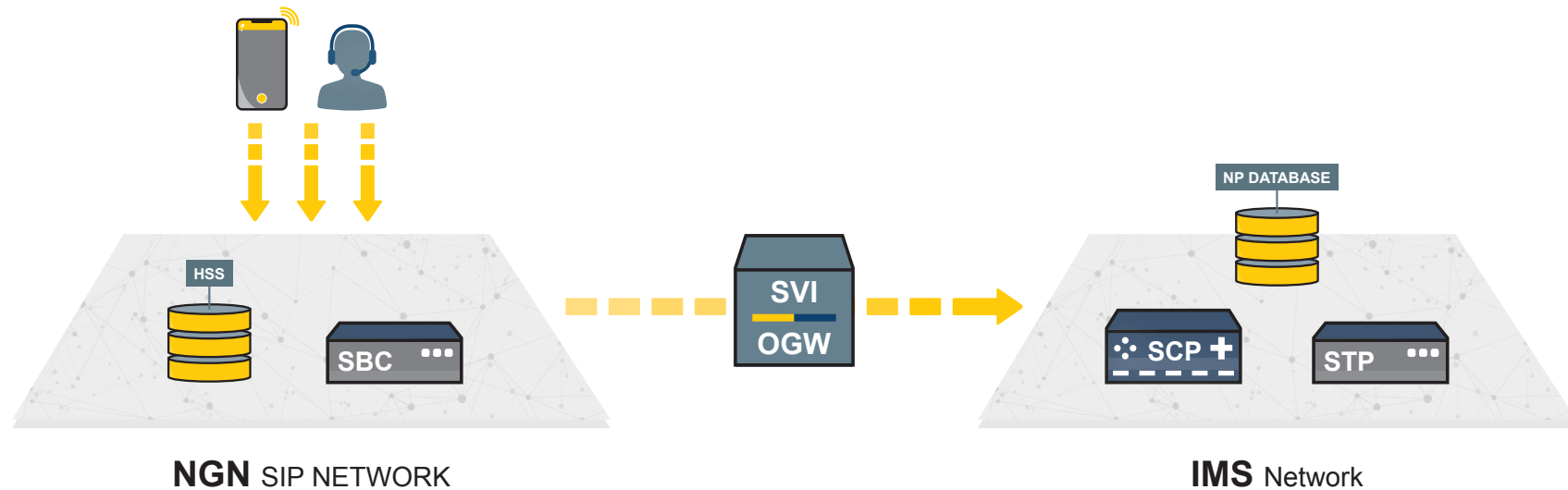
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The SVI-TAC is a Python based client that's able to terminate, manipulate and transmit over the connected API's.

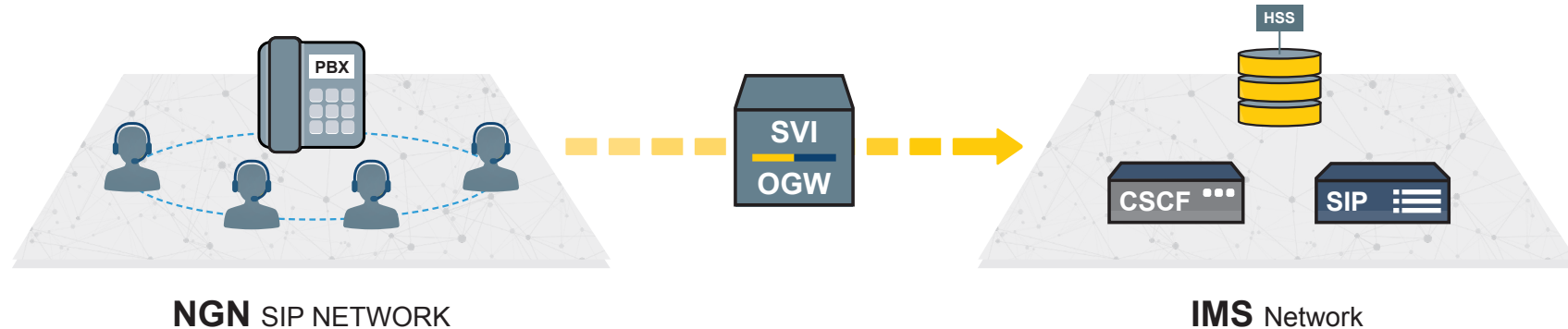


The SVI-TAC supports SQL, HTTP, HTTP/2 SOAP, XML, JSON etc.

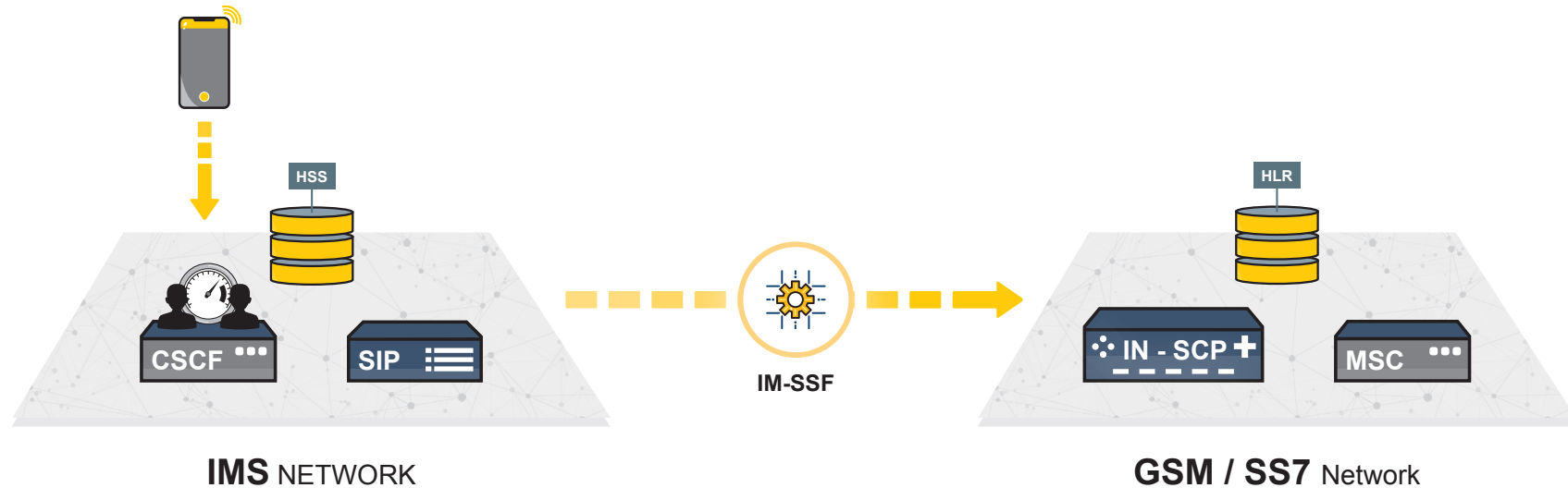




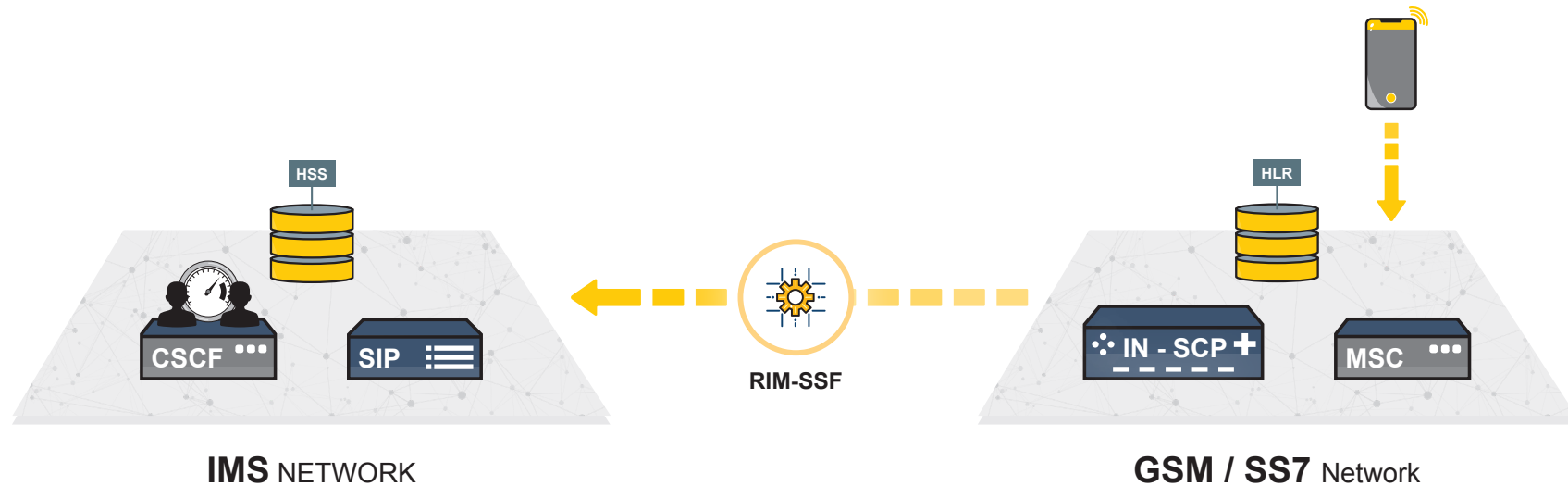
- Next Generation SIP VoIP network needs to deploy Local Number Portability service.
- In country regulation dictates LNP delivered using incumbent SS7 network.
- SVI-OGW provides SIP – SS7 IN inter-op to deliver the service.



- State of the art mobile IMS (LTE) network needs to interface Enterprise services.
- Enterprise services consist of SIP + ISDN PBX's delivered to SME's.
- SVI-OGW provides SIP – IMS SIP inter-op to rationalise management of Enterprise subscribers in IMS network.



The SVI-OGW has been used to model the 3GPP IMS component in the IM-Service Switch Function (IM-SSF), **3GPP 23.278** providing a seamless bridge between an IMS network (SIP) and a CAMEL based SS7 Intelligent Network.



In “reverse” the IM-SSF allows legacy subscribers to access the new services available in an IMS network. The SVI-OGW models this “glue” that allows legacy subscribers to access new services run from SIP application servers – i.e Mobile PBX, OTT etc.

Fraud Detection and Elimination

- Passive Detection
- IP Mirroring
- SCTP monitoring

Active Detection

Initiate network lookups to check for:

- Spoofing
- Faking
- Spamming

Elimination

- Block messages from network
- Initiate call tear-down
- Work at protocol or MML interface level



MavenShield
Fraud Prevention Platform

 Fixed / Cable	 3G / 4G / 5G	 VoIP / VoLTE
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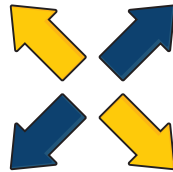
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Cost Saving



Deliver only those services that you require instead of paying for a full application suite that you will never use.

Extendable



Extend services using in-house resources or let our experts develop at a fixed cost.

Fast



Script-based delivery removes compilation and upgrade cycle.

Flexible



Allows monitoring, termination and transmission over API's for service creation.

Services & Support Packages

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Product Services

Choose from our range of Product based services to deliver installation, training, ongoing support and product enhancements to ensure your continued business success.

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Following in-depth evaluation by an independent assessor, Squire Technologies has been successful in achieving ISO 9001 Certification.

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ISO 9001 is a set of requirements against which the quality management system of an organisation is evaluated. This certification assures customers that the production processes in place at Squire Technologies have been measured and achieved a standardised award. This award indicates that Squire Technologies is committed to operating to these requirements and has subscribed to ongoing and regular, internal and external audits of its systems.

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