

# > QuipaLoop Product Sheet

SIMPLE. SECURE. AGILE.

## SECURELY CONNECT TO YOUR BUSINESS SERVICES AND RESOURCES FROM ANYWHERE THEY ARE TO EVERYWHERE YOU ARE.

QuipaLoop creates simpler, more agile and safer ways for you to manage how your offices, people and business partners connect and share their services and resources. It does this by creating discrete loops then sharing the appropriate resources and services into these loops. Access is granted to each loop via a simple one-time Invite/Join process. It is very simple to set-up and dissolve a loop.

Any number of services can be shared into a loop. Services in the loop can be shared privately which means that they are only shared to a specific device. Public sharing means that the shared services will be available to any device that can see the sharing device.

You can configure your loops to support any type of service sharing that your business needs – many different configurations are possible. Examples are:

- > Single site to multiple sites and/or remote workers
- > Multiple site to multiple sites and/or remote workers
- > Multiple site to single site and/or remote worker
- > Single site device to a single remote worker
- > Single site device to many site devices and/or remote workers

With QuipaLoop, services can be aggregated and shared from anywhere they are to any of your offices, people and business partners. Service aggregation is very simple and there is no requirement to bridge the different networks.

## Benefits at a glance

- > Aggregate and share services between any number of offices, people and business partners with no complex network bridging, no new infrastructure and no specialist hardware
- > Make it simpler, faster and more secure to provision temporary, small or remote branches
- > Rapidly and securely connect your mobile workers and remote workers to all of the services that they need
- > Enhance your disaster recovery plan through sharing service risk across all offices.
- > Respond quickly to changes in your business perimeter

## TEMPORARY BRANCHES

QuipaLoop helps you to quickly and easily provision temporary, remote or small branches where the full corporate VPN is not required.

## MANAGED SERVICE PROVIDERS

With QuipaLoop you can support multiple clients with a single sign-on, whilst maintaining security and separation of client loops, services and data.

## BACK-UP SERVICES

The multi-directional sharing capability of QuipaLoop makes it simpler to provide offsite back-up and services.

## QUIPALOOP BUSINESS SOLUTIONS

QuipaLoop is a simple and flexible product that can be applied to solve many of today's service sharing and security business problems including those summarised in the table below.

Business Problem	QuipaLoop Solution	Small	Medium	Enterprise
Aggregation and sharing of services across multiple business sites or service providers can require complex system set-up and support.	QuipaLoop allows "one-click" aggregation of services across any number of sites or remote workers, with no complex set-up and minimal support costs.	Y	Y	
Support of multiple clients or sites can require separate support networks and user credentials for each client.	With QuipaLoop your admin will create loops for each of your clients and share the services and devices that you support. Access to all of your client loops is from a single QuipaLoop application and credentials. All client permissions and security are maintained.	Y	Y	
Businesses that need to provision a temporary or remote site may find the cost of the full VPN not always warranted.	QuipaLoop is ideal for this situation as it is fast, secure and simple to create a loop for the temporary site and just as easy to dissolve when no longer required. An additional option would be to "carry" your site loop on a USB and just plug and connect at the temporary branch location.		Y	Y
Protection of sensitive information that is created outside of your business perimeter can be difficult to achieve, especially over public networks.	With QuipaLoop you can create a loop between your external device and the specific recipient device inside your business – including devices that are firewalled off from the main company LAN. Data will be transmitted fully encrypted directly from the external device to the recipient device with no exposure to dangerous public-network sensing points.	Y	Y	
Many complex disaster recovery and business continuity plans assume that people will be in a specific location with a specific type of access when a site or human disaster strikes and this is often not the reality.	QuipaLoop enables simple and effective disaster recovery solutions that can be implemented from wherever your team is when the disaster strikes – restoring the productivity of your key people.	Y	Y	Y
Free WiFi sites offer a convenient and simple solution for many busy executives logging on to check emails on the run, however they potentially create a disaster area for your company.	QuipaLoop USB will fit into your pocket and connect you to your office with total security and encryption of all data in transit over the WiFi network.			

## HOW QUIPALOOP WORKS

A user with admin permissions and the QuipaLoop software installed creates a loop for sharing services and other resources. When another user wishes to join the loop, they connect to the publicly accessible

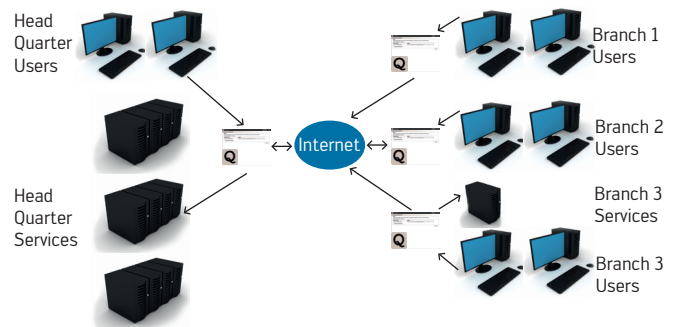
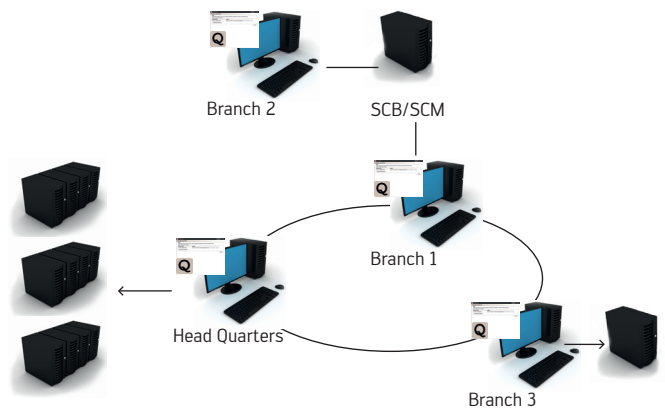
Secure Connection Broker (SCB) and request a connection to the loop.

The loop receives the request and accepts the connection. The joining device and the loop establish a connection and the new device is joined into the loop.

Any services or resources that are TCP/IP addressable by a device in a loop can be shared as services with other members of the loop.

The QuipaLoop device can also act as a relay to make the services available on the local network.

Services that have been shared into a loop can be accessed via a standard bookmark process or by launching directly from within QuipaLoop.



## QUIPALOOP SITE USE CASE

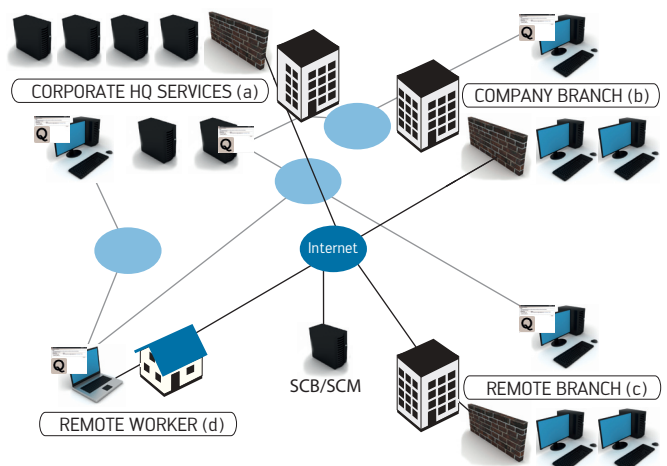
A Temporary Branch has been opened and setup using a QuipaLoop Site Proxy USB (b) that shares services from the HQ site (a).

Remote worker (d) is part of remote branch (c) and accesses the remote branch and HQ services through a loop.

The remote worker also has a second loop set-up to HQ for private sharing of the HQ finance and reporting system.

The remote worker will have a single instance of the QuipaLoop application and can have different profiles set-up by different sites that are all aggregated to the single instance of QuipaLoop on the remote worker's laptop.

Separation of services and information for each of the loops is managed by QuipaLoop in the remote worker's laptop.



*Note1 The Secure Connection Broker (SCB) assists with the connection of user/devices to the QuipaLoop. It does not authenticate or provide access to the QuipaLoop or any Services.*

*Note 2. A single Firewall rule is required for an inbound port for the SCB.*

## PRODUCT COMPONENTS

The table below shows the components that you can select from to deliver a secure, agile and simple service sharing solution for your business.

QuipaLoop (QL) Editions	Description	Install On	Administration/Privileges				Use Devices	Device Admin
			Create Loops	Invite To Join	Share Devices	Join Loops		
QL Relay Edition	Installed on any Windows device. Can create loops and invite other people to join these loops. Can also share services into the loop. On-shares services that are marked Public. The services are on-shared to any other device that can see the device the QL Relay Edition is installed on. The QL Relay Edition has full Administration rights.	PC Laptop Server	x	x	x	x	x	x
QL Relay USB Edition	Installed on any USB Flash Drive. It acts like the QL Relay Edition except that it is portable and can be used securely in any Windows device. Will on-share services to any other device that can see the device the QL Relay USB is plugged into. The QL Relay USB Edition has full Administration rights.	USB Flash Drive	x	x	x	x	x	x
QL Advanced Edition	Installed on any Windows device. Can create loops and invite other people to join these loops. Can also share services into the loops. Does not on-share services. Can loop with any other QuipaLoop Edition regardless of where their device is located. The QL Advanced Edition has full Administration rights.	PC Laptop Server	x	x	x	x	x	x
QL Advanced USB Edition	Installed on any USB Flash Drive. It acts like the QL Advanced Edition except that it is portable and can be used securely in any Windows device. The QL Advanced USB Edition has full Administration rights.	USB Flash Drive	x	x	x	x	x	x
QL Standard Edition	Installed on any Windows device. Can share services into the loops. Can loop with any other QuipaLoop Edition regardless of where their device is located. The QL Standard Edition has limited Administration rights.	PC Laptop			x	x	x	x
QL Standard USB Edition	Installed on any USB Flash Drive. Acts like the QL Standard Edition except that it is portable and can be used securely in any Windows device. The QL Standard USB Edition has limited Administration rights.	USB Flash Drive			x	x	x	x
QL Basic Edition	Installed on any Windows device. Can join loops if invited to by the loop owner. Can use services within the loop. Has no loop creation or service sharing capability. The QL Basic Edition has no Administration rights.	PC Laptop				x	x	x
QL Basic USB Edition	Installed on any USB Flash Drive. Acts like the QL Basic Edition except that it is portable and can be used securely in any Windows device. The QL Basic USB Edition has no Administration rights.	USB Flash Drive				x	x	x

COMING SOON: QL Mobile Advanced, Standard and Basic Editions & QL Embedded Advanced, Standard and Basic Editions

## KEY FEATURES

QuipaLoop is secure – it allows you great flexibility without compromising any of your data transactions.

QuipaLoop is agile – you can aggregate, share and connect any services, devices and resources that your business requires and QuipaLoop is simple – there is no complex setup; no proprietary hardware; no big learning curve and minimal support infrastructure.

## SECURITY

- > All traffic is encrypted in transit and can only be decrypted by the intended recipient
- > Valid user credentials and a unique invitation key are required to join a loop
- > Lost or stolen devices can be remotely denied access to existing services
- > Easy suspension of lost or stolen devices

- > No third party access to service data

## AGILITY

- > Multi-way sharing of Services
- > No dependencies on fixed IP addresses for site networks
- > Service delivery from multiple points
- > Flexible network configuration
- > No third party access to service data

## SIMPLICITY

- > No reliance on support of protocols such as IPSEC by the underlying network
- > No inbound firewall rules required
- > No specialist hardware or gateway device required
- > Access to services is independent of the underlying network
- > QuipaLoop not required on all end devices

## PRODUCT SPECIFICATIONS

Product	QuipaLoop	QuipaLoop EndPoint (COMING SOON)
What it does	Enables business agility by creating loops for your business, then sharing resources and services into these loops. The Site Edition is limited to a specific company, their sites, workers and business partners.	Lets people share any of their endpoints, resources and services into a loop. QuipaLoop EndPoint allows anyone to share any of their own devices, services and resources with anyone that they want to share with. There is no central control point and everyone has full permissions over what they own.
System Requirements	<ul style="list-style-type: none"> <li>&gt; Internet Connection → 56 Kbps</li> <li>&gt; Microsoft Windows XP, Vista, 7, Server 2003, Server 2008</li> <li>&gt; 30MB of free disk space</li> <li>&gt; 256MB of computer memory</li> <li>&gt; No driver required for QuipaLoop (however some services such as SMB may require a driver).</li> </ul>	
Supported services	<ul style="list-style-type: none"> <li>&gt; Remote Desktop Protocols: Terminal Server, VNC, Remote Desktop PCAnywhere</li> <li>&gt; Internet Protocols: HTTP, HTTPS, SVN, FTP SFTP FTPS – both Active FTP and Passive FTP, Telnet, SSH</li> <li>&gt; Mail &amp; Messaging protocols: POP3, SMTP, IMAP, Jabber XMPP</li> <li>&gt; Applications: NI (SAP Protocol), Sharepoint, Lotus Notes, Exchange, Database - Oracle</li> <li>&gt; Media: SMB, MPEG4, MJPEG Video Stream</li> </ul>	
Encryption	AES256 bit encryption of all traffic	

### AUSTRALIA

p. +61 (0) 2 9290 1820  
sales@quipa.com.au

### UNITED KINGDOM

p. +44 (0) 207 290 3958  
sales@quipa.co.uk

### NEW ZEALAND

p. +64 (0) 9 914 3100  
sales@quipa.co.nz

TO ARRANGE FOR AN IN-PERSON DEMO of QuipaLoop contact your nearest region or visit [www.quipa.net](http://www.quipa.net) for more information.