

- **OsLink is an innovative software tool that helps businesses automate data-sharing via the internet.**
- **OsLink can help streamline communication with client and business-partner systems.**
- **OsLink manages all internet communications so integrations are easier to design and implement.**
- **OsLink brings order and efficiency to new and existing business processes.**

OsLink - A communications channel

OsLink provides a communication channel between different companies, or sites within an organisation. It enables virtually any application to transfer data and enjoy real-time integration via the internet without the need for specialist internet programming.

OsLink - Internet data transfer out of the box

Just install on your servers and provide an internet connection and your communication channel is ready to send and receive data. In its simplest form an OsLink node can be configured to transfer data from its 'outbox' to the 'inbox' of another OsLink node without any development work. All internet communications issues are handled by OsLink.

OsLink - Real-time integration over the internet

Business applications can be integrated with their local OsLink node with relatively little development work and no specialist internet skills. And, its more than just data transfer.... using OsLink's built in web services it is easy to share data with distant applications and receive data back in real-time. Using OsLink, diverse applications can enjoy real-time integration via the internet.

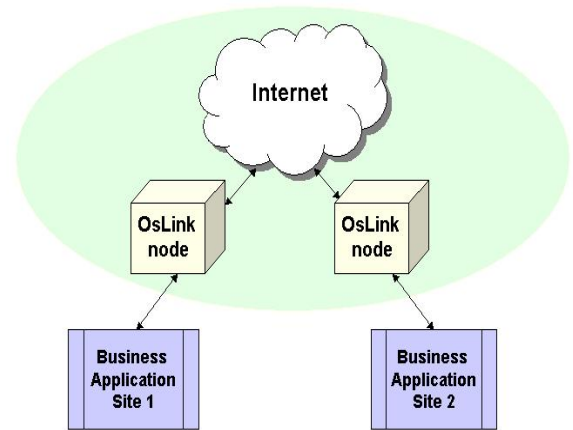


Fig 1: OsLink communication channel

OsLink - Plug in once, share with many

OsLink can be installed at multiple sites to create a network of nodes. Once a business application has been integrated with its local OsLink node it can share data with any other application connected to the OsLink network. Each node can send and receive data, acting as a source or target according to the situation.

OsLink – How and when to use

OsLink is ideal for delivering case data to partner organisations, for example, where outsourcing agreements are in place. Trading partners can be added and removed quickly, and data sharing introduced without large-scale development. Equally, OsLink can be used internally within an organisation, acting as a hub for moving data between diverse applications.

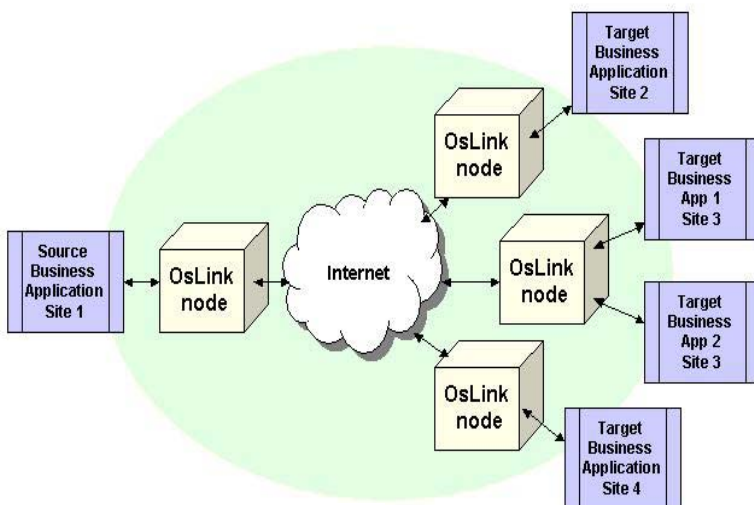


Fig 2: OsLink network of nodes

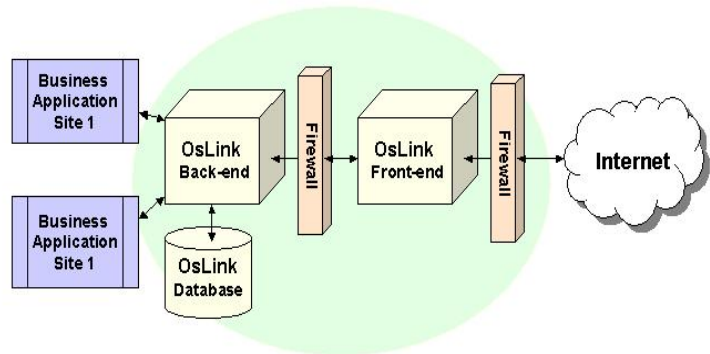
OsLink

Packaged web-services for easy application integration

What's in an OsLink node?

Each OsLink node comprises an internet-facing module, a back-end module and the OsLink database. The three components can be deployed on multiple servers, a single server or even a laptop.

Fig 3: OsLink components



- The **back-end module** includes web-service functions that can be used by local business applications to send to or request data from remote business applications.
- The **front-end module** manages the transformation of data into XML documents and their encryption and transmission to the target OsLink node. Firewalls can be configured to provide additional security.
- The **OsLink database** stores security and routing information for remote applications. If configured to do so, OsLink will also store a record of each transaction sent or received. This information can be used to provide reporting and statistics such as interface volumes, transmission speeds and failure rates. The OsLink database includes the **Outbox** and **Inbox** which can be used by local business applications when real-time integration is not required.

Transactions written to the **Outbox** can be automatically sent to their destination node by the **OsLink Robot**. At the destination node the data can either be stored in the OsLink **Inbox** ready for collection by the target application or sent directly to the target application if integration is in place. If configured to do so, the OsLink Robot will also retransmit any failed transmissions until successful.

OsLink – How fast?

Sub-second transmission times from site to site can be expected subject to reasonable hardware and a fast internet connection, This makes real-time integration between applications via the internet practical, and with OsLink, quick to implement.

OsLink - An Oscom Solution

OsLink is an innovative tool for handling data transfer and integration over the internet. To ensure that you get the maximum business benefit from OsLink we at Oscom will work with you to design and plan your data transfers and integrations. Each OsLink license includes complementary consultancy services. We are happy to liaise with third party application authors and your own specialists from your business and I.T. to ensure that your integrations are completed as quickly and smoothly as possible. We can also provide additional development services to assist your in-house and other third-party development teams.

OsLink - Key features

- Internet communications – out of the box
- Secure data transfer between remote sites
- Real-time integration between remote applications
- Sub-second data delivery (subject to hardware and comms)
- Flexible routing to multiple target systems
- Integrate once – send to many
- Push or pull data
- Auditing, reporting and statistical features.
- Robust, reliable

System Requirements

- Windows Server 2000 onwards or Windows XP
- IIS
- Microsoft .Net 2.0
- SQL Server 2000 onwards