

## Developer Licence

*for the professional developer*

A Developer Licence allows a single user to run the Dyalog development environment on a single computer as a tool for application development, a personal productivity tool and a platform for running applications developed in Dyalog.

Developer Licences are provided on an annual fee basis and include DSS membership.

## Run Time Licences

*for the deployment of applications*

In addition to a current Developer Licence, a Run Time Licence is necessary if:

- a) Dyalog is used to implement multi-user applications (multi-user applications are defined as applications where the same data is shared by or exchanged between two or more users).
- b) Dyalog is used as a platform for applications that are distributed outside the organisation which holds the Developer Licence – whether or not the developer charges a fee for the application and irrespective of whether the application is single or multi-user.

**Note:** If Dyalog is used to develop educational tools or applications sold to not-for-profit environments, then an appropriate low cost Run Time Licence can be negotiated with Dyalog Ltd.

## Server/Processor Run Time Licence

*for sharing applications*

When several users use one or more applications on a shared server, a Server Licence is required. Examples of this are applications that are running under Citrix or similar platforms, in the cloud, Web Servers, servers using Distributed COM or other transactional platforms. The minimum server configuration is for 20 users.

Server Licences are inclusive of all necessary Run Time Licences. If, for example, an application allows 20 desktop users to share data on the server, a Server Licence for 20 users includes all relevant fees for desktop users and server.

For Facility Management Applications, where an organisation is running a service on behalf of several client organisations, appropriate Server Licences are required for each distinct customer organisation.

Server Run Time Licences are priced on a per user basis, but can also be licensed by processor/core where the price is based on the number of cores in the server, irrespective of how many cores are utilised to run the Dyalog-based application. This option is particularly suitable for lightweight applications with a large number of users or for parallel computing/processing (including parallel computing in the cloud).

## Royalty-Based Run Time Licences

*for the exploration of new markets*

For holders of a Dyalog Developer Licence, Dyalog Ltd offers an alternative royalty-based run time fee. The royalty is calculated as 2% of all revenue generated by sales, consulting and support of applications developed using Dyalog and is invoiced annually in arrears.

The royalty covers all required Run Time Licences for users of services or software delivered by the Royalty-Based Licence holder. In addition, the royalty covers support and upgrades for the licence holder. The licence requires a current Developer Licence and includes access to all Dyalog development environments.

This is the preferred option for start-ups and for vendors who need freedom when pricing their products. It is also ideal for consultancies and software vendors who need to be up-to-date with Dyalog versions and platforms. Dyalog Ltd has developed this model in appreciation of the fact that business development requires sophisticated tools – often before the revenue stream is secured.

## **Shrink-Wrapped/Single User Run Time Licence**

*for off-the-shelf solutions*

This type of Run Time Licence is for applications with multiples of single users who obtain their application through Shrink-Wrapped Licences. They can be acquired in bundles and are one-time fees that must be renewed with each new release of Dyalog.

## **Dyalog File Server (DFS) Licences**

*for data sharing*

The Dyalog File Server (DFS) Licence allows users to share data over networks through a component file system known as the Dyalog Component File system (DCF). This is a storage mechanism for APL arrays. Component files give users the flexibility to create a wide variety of data storage mechanisms.

The Dyalog File Server offers users a variety of advantages within the realms of security, performance, operations and recovery and Dyalog File Server Licences also include Run Time Licences.

## **Personal Non-Commercial Licence**

*for the APL enthusiast*

A Personal Non-commercial Licence allows APL users to have a copy of the latest Dyalog technology for personal use and experimentation. The licence is intended for use on a single computer, as a personal productivity tool in a non-commercial environment. This licence must not be used to perform or provide any kind of service or application to a third party, whether or not the licensee is paid for his or her services.

Users with Dyalog for Microsoft Windows licences have the possibility to join the Dyalog Support Service (DSS) which offer users support, maintenance and upgrades.

## **Educational Licence**

*for the student*

Dyalog Ltd offers a free Educational Licence to students at all levels of education. The licence is restricted solely to educational purposes and each user is required to sign an agreement where they guarantee that:

- the Software will not be copied
- the Software will not be handed over to anyone else
- the Software will not be used for commercial purposes

Dyalog Ltd can request a short report from the licence holder explaining his/her usage of the software, including experiences (good and bad).

In cases where the licence is granted to a University or School, the licence holder is responsible for making their students aware of the conditions.

## Dyalog Services

### Consultancy

As a general rule, Dyalog Ltd does not offer application development consultancy as part of our services. We work with a network of qualified consultants who offer these services and we are happy to connect our customers to one of our consulting partners. Where relevant, we can provide architecture review and quality assurance services in connection with projects performed by a partner – see Senior Consultancy below.

### Directed Development

Dyalog Ltd offers customer-specific development of new features for Dyalog and related products. Development requests will be evaluated with regards to general applicability and appliance to Dyalog Ltd's long term strategy for product development and direction.

When a request for enhancement is approved, Dyalog Ltd will forward a time estimate to the customer. In some cases more than one customer can act as sponsor for a particular enhancement and the cost will then be split between the sponsors according to agreement between the parties.

Directed Development is available on demand (subject to availability of Dyalog Ltd resources) or according to an annual schedule.

### Senior Consultancy

Dyalog Ltd offers performance and architecture reviews of existing and proposed applications and troubleshooting with respect to specific problems, especially platform migrations. Services are offered at a daily rate or on an 'agreed result' basis.

### Audits

Dyalog Ltd offers a full, or part system, audit to customers. A system audit can be general or targeted at specific areas such as

- performance
- utilisation of Dyalog
- development processes

A system audit is always concluded in a full report of the findings and recommendations. The report will also include a section on possible candidates for enhancements of Dyalog, as identified during the audit.

The price and duration of an audit is negotiated on a per case basis and depends on the scope of the audit.

### Training

Dyalog Ltd offers training courses on features and functionality of Dyalog. Series of courses are offered in different geographical regions on a demand basis. Courses will be advertised on [www.dyalog.com](http://www.dyalog.com), through Dyalog Ltd partners and with a broadcast e-mail.

In addition to the publicly offered courses, customers have the option to request a bespoke course conducted in-house.

If you have an educational requirement please contact us for further information.

## **Commercial Services**

Many of Dyalog Ltd's customers provide high value and mission-critical software applications to their customers. Such applications are delivered under strict Quality Assurance and with high Service Level obligations towards the customers.

Dyalog Ltd provides a number of services designed to help our customers better meet these obligations. These services can be combined to suit each customer's need. Such services require a special contract outlining the conditions.

## **Support for a specific release**

Dyalog Ltd customers can appoint one or more specific builds of Dyalog as their production versions. If problems occur with these builds, then the customer can request a fix or enhancement for that particular build without having to download and install all previous fixes.

## **Service Level Agreement**

Dyalog Ltd offers contractually guaranteed levels of service (SLA) to match our customers' obligations towards their respective customers. This service includes guaranteed response times and problem analysis and solution(s).

## **Mirrored application**

Dyalog Ltd can host or monitor a live copy of customer application(s) for immediate problem reproduction and tracking. This option is particularly useful where remote access to the customer environment poses a problem.

Please contact us for further information and pricing regarding any of these services.