



## POSITION DESCRIPTION

<b>Position Title:</b>	<b>Applications Programmer</b>
<b>Location:</b>	<b>Mt Helen (Ballarat), Victoria</b>
<b>Remuneration:</b>	<b>\$60-\$70k dependent on experience, plus superannuation</b>
<b>Probationary Period:</b>	<b>This appointment is offered subject to the successful completion of a probationary period of 3 months</b>
<b>Time Faction:</b>	<b>Full-time</b>
<b>Applications Close:</b>	<b>06/02/2009</b>
<b>Send Application To:</b>	<b><a href="mailto:argus@argusconnect.com.au">argus@argusconnect.com.au</a> or ArgusConnect Pty Ltd PO Box 691, Ballarat Vic 3353</b>
<b>Further Information:</b>	<b>Contact Ross Davey, CEO, 5335 2220 or see website <a href="http://www.argusconnect.com.au">www.argusconnect.com.au</a></b>

### Position Summary

The position of Application Programmer has three primary functions:

1. Application Programming in Java, C, C++,VBA, etc
2. Contributing to the maintenance, enhancement and development of our core product
3. Adhering to development processes to ensure delivery of a quality product

The appointee's primary role is applications development.

### Context

The Argus secure electronic messaging software is released as a packaged product to clients in the healthcare sector across the whole of Australia. As such, Argus must meet end-users' expectations and needs.

The core Argus product is written in Java using the Netbeans IDE. Argus runs on a Postgres database, with older versions still using Interbase.

Some elements of the Argus software suite are written in Delphi, C++ and VBA. Our target platforms include Linux, Windows and Macintosh.

Argus is built on a pattern-based architectural framework. An object-orientated methodology is at the core of all development.

Our development team uses the Agile software development methodology.

## **Key Responsibilities**

The key responsibility is to assist in developing and maintaining the Argus range of products.

## **Qualities and Abilities necessary**

Formal training and in IT/computing is mandatory, and considerable experience in this area will be a distinct advantage.

The position would suit a person who is technically sharp and has the self-confidence to engage any problem with enthusiasm, determination and diligent attention to defined needs. The successful applicant should display abilities for ongoing self-education.

The role requires a person who enjoys contributing to a team effort to develop a quality product. Product lifecycle experience will be an advantage as will an understanding of how to use UML, the principles of OO and structured programming. In order of preference, competence in the following is highly sought:

### **Essential attributes:**

- programming experience in J2SE and / or J2EE
- programming experience in C and C++
- familiarity with Subversion and / or CVS
- in depth knowledge and experience with Linux & Windows environments
- a sound understanding of systems technologies
- a sound understanding of internet, network and web services / SOA technologies
- familiarity with the concepts of email (POP3, SMTP, IMAP)

### **Desirable attributes:**

- programming experience in ALT, MFC and .NET
- knowledge of HL7
- understanding / experience in PKI encryption technologies
- familiarity with LDAP
- knowledge of XSLT
- experience in JavaScript
- experience in PHP
- experience using Glassfish, Tomcat, Apache, etc
- skills in DBMS such as PostgreSQL, MSSQL, Interbase, Oracle
- experience using NetBeans, JBuilder, Visual Studio etc
- familiarity with OSX
- understanding of agile development techniques

## **Key Selection Criteria**

Please respond to each of the following criteria, describing your experience in that situation, or demonstrating your ability to understand the requirement and how you might apply that understanding to the situation.

1. Formal training in IT/computing.
2. Programming experience in any of the programming languages above.

3. Experience in database development and management.
4. Experience or formal knowledge/training in HL7, PKI or other encryption methodologies.
5. Formal knowledge or experience in any other of the technologies listed above.
6. Experience in instigating and/or following procedures and processes.
7. Ability to fast-track learning.
8. Ability to effectively work within a team environment.

## **Organisational Environment**

ArgusConnect Pty Ltd is a leader in its field in Australia. The company provides services to enhance, deploy and support the Argus secure electronic clinical messaging product which was developed for healthcare providers to enable electronic exchange of patient clinical information.

ArgusConnect works closely with the clinical software industry, healthcare service providers, government health departments, and other healthcare organisations to encourage and support the standardisation of clinical information transport mechanisms as a solution to interoperability between clinical software applications and systems.

ArgusConnect is based on the Ballarat Technology Park, Mt Helen.

## **How to Apply**

### ***Your application must include:***

- A statement addressing each of the **Key Selection Criteria**, to clearly demonstrate your ability to meet the objectives of the role. **Note:** read this Position Description carefully so you have a good understanding of what is required and remember to address the skills, knowledge and attributes that you have
- A General Resume

Applications can be forwarded by email to [argus@argusconnect.com.au](mailto:argus@argusconnect.com.au), or by ordinary post to ArgusConnect Pty Ltd, PO Box 691, Ballarat Vic 3353.

For enquiries please telephone 03 5335 2220.

Further information on the Argus product and ArgusConnect company can be found at [www.argusconnect.com.au](http://www.argusconnect.com.au).