

<b>JOB TITLE:</b>	<b>Software Engineer</b>
<b>ISSUE/DATE:</b>	Version 1.0 20 January 2004
<b>RESPONSIBLE TO:</b>	Team Leader/Project Manager
<b>JOB BAND:</b>	5
<b>OVERVIEW OF JOB:</b>	Has a proven track record in implementing solutions that are fit for purpose. Has in-depth expertise in two or more phases of the project life cycle and is capable of working without supervision in those areas. Can work from requirements or high-level design without the need for direct supervision. Will be responsible for development, and system testing of systems of moderate complexity.
<b>SUMMARY STATEMENT OF JOB:</b>	<ul style="list-style-type: none"> <li>▪ Liaises with clients during requirements capture and deployment of solutions.</li> <li>▪ Contributes to design of solutions which are scaleable, resilient, open, efficient, secure and cost-effective.</li> <li>▪ Produces detailed low-level designs from high level design specifications for components of low to medium complexity.</li> <li>▪ Develops, builds and unit tests components of low to medium complexity from own detailed low-level designs.</li> <li>▪ Carries out unit testing on own developed code, developing test harnesses if necessary.</li> <li>▪ Integrates own components with other system components, in order to test own developed code with other parts of the system.</li> <li>▪ Completes incident management cycle and troubleshoots key development problems and issues within immediate personal area.</li> <li>▪ Applies all relevant standards and procedures to own work.</li> <li>▪ Produces viable estimates within own area.</li> <li>▪ Develops technical knowledge and awareness of those technical areas in which requested to code.</li> <li>▪ Carries out effective code reviews.</li> <li>▪ Coaches less experienced team members.</li> <li>▪ Is cognisant of the commercial constraints that apply to the project.</li> <li>▪ Accurately records own time and accurately reports progress on own work.</li> </ul>
<b>LOCATION:</b>	Based in a Kainos location but required to work on client site whenever appropriate.

<b>JOB TITLE:</b>	<b>Software Engineer</b>
<b>ISSUE/DATE:</b>	Version 1.0 20 January 2004
<b>RESPONSIBLE TO:</b>	Team Leader/Project Manager
<b>JOB BAND:</b>	5
<b>EXPERIENCE AND CAPABILITIES:</b>	<ul style="list-style-type: none"> <li>▪ Experience of development and testing phases of at least one completed/delivered system.</li> <li>▪ Competent and experienced in two or more technology areas.</li> <li>▪ Demonstrable awareness of business and operational environments into which solutions have been delivered.</li> <li>▪ Capable of creating designs for low to medium complexity components, which conform to basic design principles such as encapsulation, coherence, abstraction, scalability, etc.</li> <li>▪ Thorough understanding and experience of coding and data structure principles, and application of coding standards.</li> <li>▪ Good understanding of testing principles, including unit, system, and user acceptance testing.</li> <li>▪ Promoter of quality software engineering techniques within project team, such as code review, design review, reusability of code and processes.</li> <li>▪ Capable of working with minimal supervision.</li> </ul>
<b>PERSONAL ATTRIBUTES:</b>	<ul style="list-style-type: none"> <li>▪ Affable, credible and can communicate effectively with clients and colleagues.</li> <li>▪ Good team player with the ability to work to deadlines.</li> <li>▪ Quality focused.</li> <li>▪ Highly flexible ( including a willingness to work away from the home base)</li> <li>▪ A positive "can do" attitude.</li> <li>▪ Enthusiastic in the pursuit of duties.</li> <li>▪ Proactive and responsible in areas of expertise.</li> </ul> <p>Proactive with respect to personal development.</p>