

E-TECHNIK DEVELOPMENT SERVICES

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Mission Statement

Our mission is to provide world-class skills and knowledge to the development of software, multimedia and Internet applications to meet your business needs.

The Crew

Our dynamic core team of highly motivated specialists handles the overseeing and implementation of all design and technical aspects of your development projects. All of them have both formal training and extensive industry experience across a wide range of fields. Their multi-skilled approach to project implementation and management allows them to create intelligent, holistic business solutions.

Marc Heiligers – Development Director

Marc Heiligers is the Software Architect behind all of E-Technik's developments. This programming veteran graduated with an Honours level Bachelor of Science degree from the University of Port Elizabeth. His recent projects have allowed him to showcase his exceptional skills in C++, C#, ASP.Net and Visual Basic. Marc's extensive experience in system analysis and design, system architecture and software development, makes him ideally suited to provide integrated solutions to customers.

Cedric Vanderlinden – Managing Director

Cedric Vanderlinden holds an Honours level Bachelor of technology degree in Fine Arts, and has been internationally acclaimed for his paintings. He leads our graphic design department, deals with the day-to-day running of E-Technik. He also manages all of our projects, as well as assures the after sales service.

Candice Mesk - Software Architect

Candice Mesk is an experienced developer, with both teaching and programming experience. She has also obtained a web design certificate in NSW Australia and followed a BSC course at Macquarie University in Sydney. The training manuals she has written for local schools are still being used to date.



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Andre van der Wal - Software Architect

Andre is the brightest of aspiring developers. He is currently completing his B.Tech in IT (Software Development). He provides competent support for E-Technik's GIS software and related suites. His dedication and passion for the IT world is proving to be a great

Quinton Bosch - Software Architect

Quinton is a key player in our team. He obtained his BSC degree in IT through the Nelson Mandela Metropolitan University.

Brandon Rothero - Software Architect

Brandon is the newest addition to our team. He is currently completing his International Diploma in IT through CTI. In the short time that he has been with us, he has proven to be a valuable asset to our company.

Meagan Basel - Administrative Assistant

Meagan takes on the task of ensuring that our day-to-day admin department is run in a professional and efficient manner ensuring a hassle and complaint free system. She is currently studying towards a B.Com Degree in Human Resources Management.

In addition, we have an array of trained and experienced developers at our disposal, each of which is a specialist in his or her own right. We have also joint forces with companies such as King Pin Dynamics, Aspire Solutions and Aequitas. Our subcontractors such as Des Collier, provides all projects with their personal manuals. This allows us to offer a comprehensive range of services that would not normally be available from an IT company including the production of Multimedia CD-ROMS, 3D Worlds, stand alone distributed database systems, and much more!

Development Services

E-Technik has tailored its skills along a well-designed methodology, allowing us to be as efficient as possible in serving you. E-Technik services take you through four steps of successful project development: Audit and analysis, Project design, Project implementation and Maintenance and support. This results in projects that are always:

- User-centric, placing operability as a prime goal of the design process
- Object-oriented, allowing us to control the components of any software system easily
- Task-based, project management is greatly facilitated
- Prototyped, allowing us to start refining the design before the product is completed
- Class-Modelled, allowing us to work more efficiently on your project

Audit and Analysis

The first compliment of services offered by E-Technik deals with the assessment of a client's needs and current capacities in relation to his goals. It is while undergoing audits that we gather information regarding your requirements and formulate a specification from them. This activity requires a great deal of customer and end-user participation but the result is a thorough and informed analysis. With this information, the client, and E-Technik, is in the best possible position to undertake project design.

Project Design

The second set of services deal with thorough research and complete project planning to arrive at and deliver a solution best suited to your requirements. This means that you end-up with a solution that is designed around the tasks, which you need to perform rather than the limitations of computer technology. These skills transform the descriptive specification, which was compiled during the audits

and analysis into the object models, classes, methods, attributes, mock-ups, design portfolios and prototypes. This is what E-Technik uses as building blocks for the final product. It is here that we translate your requirements into the blue prints for a solution. During this phase, we will repeatedly prototype and evaluate the user interface design, ensuring that it is sensible and intuitive before functionality is added.

Project Implementation

The third set of services deal with the implementation of the recommended solution. From our designs, we are able to create the final product for use in your company, whether it is a complex software project, a website or multimedia display. The attention to detail and thoughtful design of the previous two steps now bear fruit and the software implementation can proceed without the burden of required reworking of the specification. Finally, a detailed evaluation system is used to refine the end product and deliver a solution that is second to none.

Maintenance and Support

E-Technik believes in developing long-term solutions that solves a client's needs permanently, and not just once off. As such, E-Technik strives to develop partnerships with all of its clients, and the supply of long-term maintenance and support. We actively involve our clients at all stages of a project, from workshops prior to the start of a project to on-going promotion and statistical reporting for a website. And when it comes to Internet solutions, our state of the art production process can be made to allow customers to view their pages on a secure site while they are being developed. In our Software Development department it also gives both you and us the chance to interact more frequently, giving you the ability to make changes and even add more. Even after installation we will be only a phone call away, helping you understand your programme much better and making it more user friendly for all needs. For your convenience we have also introduced user manuals, to support you in every way possible. Our long-term maintenance plans also gives you the flexibility that you require. Our contracts, that are revised every three months, gives you the power to choose what would be best suited for your specific needs. This maximises the communications channel between our development team and our customers, helping our product to meet your expectations from the day that it is delivered.

Internet Development Services

Audit and analysis

Analysis of current website code:	<i>Assessing the existing website's code's and architecture's ability to meet a client's needs</i>
Analysis of current website content and graphics:	<i>Assessing the existing website's graphical components' and user-interface's ability to meet a client's needs</i>
Analysis of current online presence-building:	<i>Assessing any existing website's keywords and tags, as well as current online listing and advertising</i>
Analysis of current processes:	<i>Assessing the client's current process for generating content, online services and content management process</i>
Analysis of current hosting:	<i>Assessing any existing website's current hosting solution's ability to meet client's expectations and needs</i>

Project Design

Design of graphical interface:	<i>Designing the website's graphical components, look-and-feel, and navigation to meet client needs</i>
Design of website architecture and processes:	<i>Designing the website's architecture to current visitor expectations and client's website management needs</i>
E-Commerce process setup:	<i>Designing the processes, e-commerce solution partners and website mechanisms</i>
Design of email and Internet graphical components:	<i>Designing the client's email headers, signatures and online marketing components to compliment the website</i>

Project implementation

Backend website building:	<i>Building the website code to meet client expectations and requirements</i>
Domain name purchase:	<i>Purchasing any domain names on behalf of the client, or taking over existing domain names</i>
Email service setup:	<i>Setting up email accounts to and from existing domain names, enquiry forms</i>
Hosting setup:	<i>Setting up the hosting of the website, meeting client expectations, ensuring maximum uptime and access</i>

Maintenance and support

Website traffic reporting:	<i>Client is given access to full website traffic statistics and other custom reports when and were necessary</i>
E-Commerce process management:	<i>Orders are processed via the site, and/or third party agents, managed by E-Technik on behalf of the client</i>
Website content:	<i>The generation and maintenance of the website content is managed by an E-Technik process or personnel</i>
Hosting:	<i>Hosting is managed and maintained by E-Technik on behalf of the client</i>
Email domain management:	<i>Renewal and maintenance of domain names and related email services</i>
Spam solution:	<i>Development of a tailored anti-Spam solution</i>
Graphic design updates:	<i>Regular update and optimization of graphical components, images and files</i>
Continued online marketing:	<i>Search-engine submissions and the development of banners, buttons, headers and other graphical components</i>

Software Development Services

Audit and analysis

Analysis of existing system

Analysis of existing user interface and architecture

Analysis of hardware components

Analysis of system-related business processes

Analysis of maintenance, upgrades and support

Assessing the existing user interface and architecture in relation to the client's needs

Assessing any existing system's hardware components, and ability to meet client expectations

Assessing the client's current process that he wishes automated

Assessing any existing hardware and support contracts to see if they meet client expectations

Project Design

Design of user interface

Design of program architecture

Design of program and user processes

Software design

Designing the program's graphical components, look-and-feel, and navigation to meet client needs

Designing the program's architecture to meet user expectations and client's needs

Designing the automated processes, user processes and automated mechanisms

Designing software flow and internal processes

Project implementation

Building of business components

Building of front-end user interface

Building peripheral components

Building the program back ends components, such as databases, as well as the program code

Building a user-interface that meets user expectations and client needs

Setting up components to access external systems

Maintenance and support

Software upgrades

Hardware upgrades

Software support

User Support and training

Providing upgrades to the software in response to environment changes

Providing upgrades to the hardware in response to client needs

Providing 24 hour support to ensure that the software runs optimally

Training new users to use the software, as well as providing assistance to users of the software

Contact Details

We would be delighted to discuss any Internet or software development requirements that you may have. Our details are as follows:

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South Africa

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