"I haven't found a CIO or CTO that doesn't have sleepless nights about how he will support his business sustainably in the new digital economy. Software matters."
Kaleidocode CTO, Chris Tite on mission criticality in the enterprise.

Introducing Kaleidocode

Kaleidocode is an established player in the software architecture and development industry in South Africa. Focusing on the enterprise development space, Kaleidocode serves the financial services, business process outsourcing, professional services and compliance sectors.

The vision of the founders has been to bring individuals from diverse backgrounds such as financial services and value chain networks together to create a company where challenging problems can be resolved in innovative ways.

With a management team having in excess of 60 years of combined experience in the South African and International markets, Kaleidocode is a powerful software partner in the software development industry.

Supplying experienced, dedicated staff and practiced methodologies, Kaleidocode has a track record of delivery under stressful conditions.

Our roots

We saw an opportunity to create an independent software development house that could supply the broader market with trustworthy enterprise software solutions.

Kaleidocode's area of expertise is to reliably and cost effectively implement scalable custom software projects for our corporate clients.

Managing your business is difficult enough without being constantly faced with system issues. Choose a partner that can deliver reliable software that scales.

Talent

Our team

Kaleidocode consists of a talented team of over software professionals; architects, developers, testers, analysts, devops engineers and project managers that have worked together for years on a wide variety of challenging enterprise software projects and products.

Rory Clarke

Chris Tite

Johan Bisschoff

Management

CEO: Rory Clarke. Rory heads up Strategy, Marketing and Sales at Kaleidocode. He has led numerous development teams in South Africa and in the UK. Rory had extensive experience in project management for business critical projects. He has conducted business analysis across a wide variety of industry verticals. He has extensive experience in financial and professional services products, and development projects for large corporate institutions. An engineer by trade, Rory uses strong design and conceptualization skills to meet client requirements.

CTO: Chris Tite. Chris fills the role of CTO, Learning and Development Lead, as well as Senior Software Architect. Chris is committed to evolutionary and constant learning, often tinkering with new tools, technologies, techniques and architectures. He is passionate about quality software and great architecture, while forging the growth of this generation of software developers. Chris can be found either overseeing Development, Testing and Devops Business Units at Kaleidocode, as well as leading the Kaleodocode mentoring program, mentoring on the Kaleidocode apprenticeship program, or working hands on with his clients and teams. Chris holds a B.Sc. Electronic Engineering degree with over 25 years of development experience spanning several platforms and industries. Chris enjoys sharing his experiences frequently as a speaker at DevConf and other community events.

COO: Johan Bisschoff. Johan is a talented software designer and architect with 20 years invested in software design and implementations. Johan has played a broad assortment of roles but his passion is designing UI frameworks and usable products as well as Service orientated architectures. Johan has led a variety of teams, from online banking services and payment gateways, to financial services products. Johan's current obsession is crafting modern web solutions, using a raft of technologies including; JS Frameworks, Service Buses, and Azure PaaS.

The individual skillsets and profiles of our management team can be viewed on LinkedIn.

Services

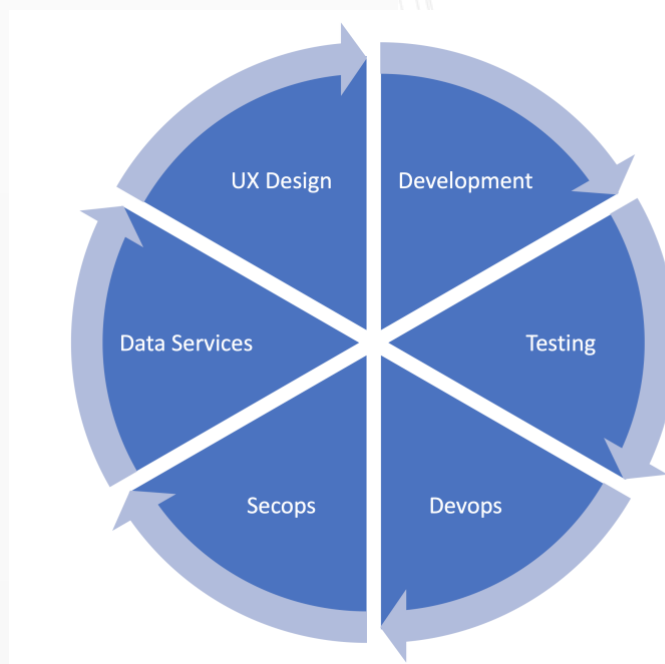Kaleidocode offers the following services to our customers.

- **Development** – We work with the client from initial requirements through to business-as-normal software in production. This is the classic turnkey software project but driven in an agile, iterative manner where the cost and schedule are carefully balanced.

- **Testing** – We supply certified testers who will conduct exploratory and regression testing, as well as technical testing of API endpoints, load and performance testing, and conduct test automation using server and client side test frameworks.

- **Devops** – We can supply a specialist team of experts who can assess your current Devops maturity and propose and implement cloud based solutions for source control, logging, build and deployment, CI/CD, and containerization.

- **Secops** – Kaleidocode provides penetration testing for web applications and networks. We provide security training for developers and for testers to raise the level of your ability to secure your systems against growing threats.

- **Data Services** – Through our membership in the Intenda Group, we can supply data fabric, data integration, and BI solutions that are best of breed.

- **UX Design** – Kaleidocode provides UX design services to assist you with forward looking UI designs and prototypes.

Supporting these services we also supply:

- Software architecture reviews

- Retainers to support existing software projects in production

- Coaching for processes, patterns & practices

Methodology

The Kaleidocode team executes projects using agile development techniques; a time-boxed iterative approach that encourages a rapid and flexible response to changes in client requirements.

Over the years our team has implemented powerful methods to execute software projects, be it Scrum or Kanban or a blend of techniques.

No matter the methodology employed, Kaleidocode will always manage a project with an iterative approach; regularly releasing a working and tested version of the software for customer feedback.

To manage modern fast paced software projects the Kaleidocode team employs various tools and techniques;

- Iterative Design & Development collaboration
- Agile project backlog; linked with shared designs
- Software prototyping
- Cross function teams; each member carries a great understanding of other technical streams
- Continuous Integration
- Agile Database design
- Automated release and integration tools
- Employing industry defined software patterns
- Well defined coding and code layout standards so that code can be easily maintained
- Clearly defined and standardized UI patterns
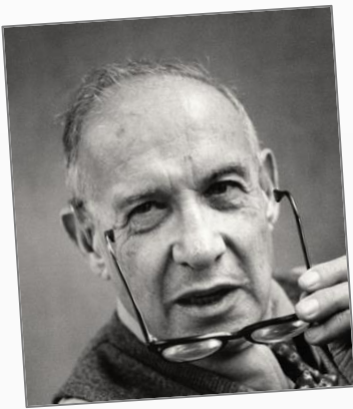- Use of code generators to generate standardized boiler-plate code.

The Kaleidocode team embraces a building block approach to every project, leveraging off frameworks which have been internally developed over time, as well as toolsets which are available commercially.

"A very good performance on Agrista – Thank you!" ABSA Bank head of Technology Architecture, Evans Munyuki

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"Unless commitment is made, there are only promises and hopes...but no plans."

Peter Drucker

Engaging Kaleidocode

Our goal is to provide flexibility to our customers, allowing for our software development skills to be used on either a dedicated team model or a project basis.

This provides options to implement bespoke projects depending on the customer's needs, budget, level of risk and process maturity.

Project Basis

Fixed Price

The fixed price model is ideal where requirements are clearly understood. Within a fixed price project, Kaleidocode will work with you to define:

1. Team roles
2. Scope and Deliverables
3. Project schedule
4. Success criteria for the project

Time and Materials

This option is preferred when the requirements are not clearly defined or if your preference is to manage the project and the deliverables. Kaleidocode will supply qualified staff with the relevant skillsets. Each resource is then billed at a competitive hourly rate. Kaleidocode understands that usage of these resources will vary and will assist to manage changing workloads as well as varying project scope.

Dedicated Team

For medium to longer term contracts, Kaleidocode can provide the stability and cost effective structure of a dedicated development team.

- The team operates as an extension of your company.
- Kaleidocode commit to your business objectives and ensure a cohesive fit to the business model.
- Team members are dedicated to your organisation for the contract duration.

Contact us for detailed information on our portfolio or case studies and see how Kaleidocode has added value to our clients' bottom line.