

Company Profile



Intelligent Business Processing Solutions

We Harness the power of Artificial Intelligence, the **Pulse** that propels Digital Transformation

Application Development
Robotic Process Automation
End-To-End Integration
Governance, Risk & Compliance
ISO Standards Implementation
Business Process Modelling

Data Modelling
Cognitive Computing
Edge Computing
Business Intelligence
Predictive Analytics
Internet of Things

Our Service Offering

ADVISORY

Our advisory services are there to address your key issues and capitalize on opportunities that enable you to achieve your strategic objectives.

CONSULTING

We consult across an array of IT services to deliver line-of-business solutions that are tailored to your organisation's unique business requirements.

OUTSOURCING

We offer a range of outsourcing solutions that are designed to simplify and increase operational efficiency while accelerating digital transformation.



About Us

Catin Systems is a provider of tailored business processing solutions with a focus on data-first intelligent automation. We build and implement enterprise applications across industry verticals, and provide end-to-end solutions to small, medium and large enterprises within various territories. Founded in 2012, Catin Systems is a level 1 B-BBEE contributor, and has maintained 50% gender-equality at executive level. Our directors have rich knowledge through deep domain experience, are subject matter experts, and have implemented multi-national enterprise solutions within various sectors; so you're engaging with executives who are your centre of excellence.

50% Gender
Equality at
Executive Level



Executives Have
Strong ICT
Background

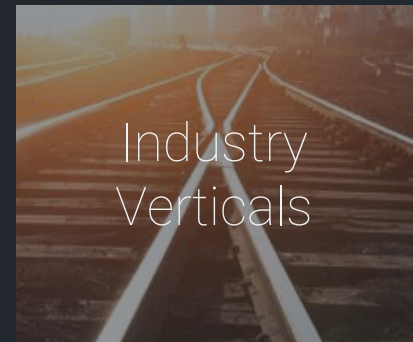
What We Do

We give practical technology-agnostic advice, and deliver on actionable services. With a pragmatic approach and an unwavering focus on quality, we enable our clients to meet the rapidly changing demands of their businesses to remain competitive. Our operating model is centred around three business areas through which we innovate; advisory, consulting, and outsourcing. Inherently, our solutions encapsulate governance, risk and compliance, thus ensuring that our solutions meet sector-based regulatory requirements as well as conform to company-specific governance policies.

We're
Technology
Agnostic

OCD =
Obsessive
Compulsive
Developers

Target, Agile,
Rule - Driven
Development



Industry
Verticals



Our Mission

- is to broaden our horizon and collaborate with people from diverse cultures and backgrounds;
- to become a trusted advisor and implementer of innovative solutions;
- by investing in people who not only focus on personal and professional growth, but also work toward shared prosperity through coaching and knowledge transfer in our effort to balance skill inequality in the workplace.

Our Vision

- is to provide a globally recognized platform that enable our clients to have the agility, insight, and competitive advantage to thrive in various territories;
- by providing niche futuristic solutions that reflect the values of our customers;
- to keep customer experience at the forefront of innovation.





Our Offering

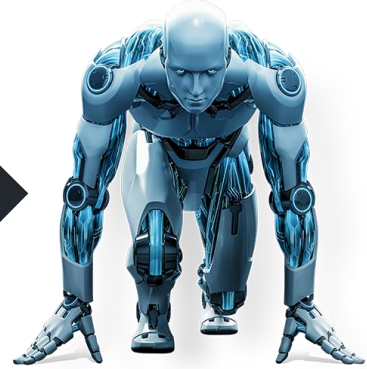
Application Development

We build custom software solutions specific to your operational workflows, and digitize business processes that are either stand-alone systems or integrated as part of an end-to-end solution, all this according to ISO-27034 information security guidelines.



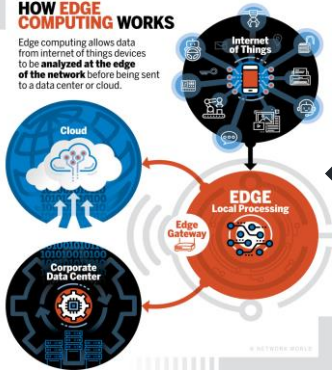
Robotics Process Automation

By automating repetitive rule-based workflows, we reduce operational costs by up to 95% and improve operational efficiency by over 300%. Human error is eliminated, governance policies adhered to, processing backlog reduced.



HOW EDGE COMPUTING WORKS

Edge computing allows data from internet of things devices to be analyzed at the edge of the network before being sent to a data center or cloud.



Edge Computing

Go from smart to intelligent by decentralizing data and service provisioning with edge computing. Edge computing moves data processing away from the data center by exploiting IoT devices and processing information closer to the Edge of the network.

THE INTERNET OF THINGS

Internet of Things

Enhance operational efficiency while reducing bandwidth costs at the same time by transforming assets into intelligent devices. Increase performance by implementing IoT solutions with the lowest possible latency during data transmission.

Infrastructure as a Service (IaaS)

Infrastructure-as-a-service is a packaged offering to reduce the costs associated with hosting. Only pay for what you need and scale at will. IaaS provides a heightened sense of security and unmatched flexibility.



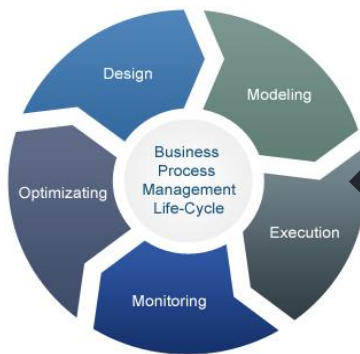
Cognitive Computing

Our in-house framework built on artificial neural networks combined with our own set of products allow us to offer custom cognitive solutions by combining artificial intelligence, machine learning, and robotics process automation.



Human Capital

We offer staff augmentation services to support your projects on-site, off-site, or to help design and execute programs remotely from our Johannesburg and Cape Town offices. We bridge the gap of human capital requirements to ensure project delivery.



Process Modelling

Our business process modelling (BPM) services are designed to eliminate bottlenecks and inefficiencies. We measure the effectiveness of current processes against business objectives, and simulate how they should be carried out to achieve better results.

Predictive Analytics

We go beyond conventional methods such as business intelligence, and unearth hidden opportunities from big data through predictive modelling. We help find and create new value streams by predicting futuristic insights and behavioural modelling with a significant degree of precision.



ISO Systems Implementation

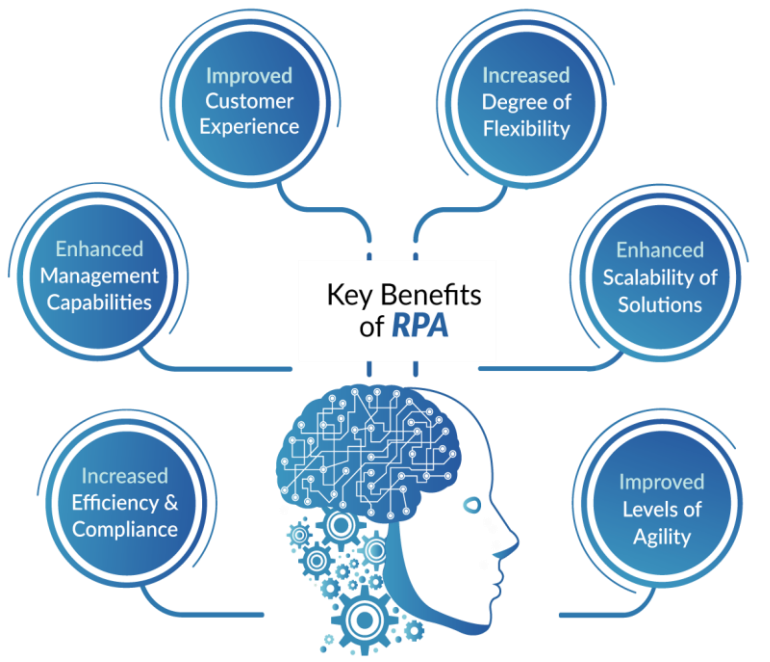
Not only do we design and implement ISO systems for compliance and certification, we also integrate multiple systems into a streamlined Integrated Management System. We assist in achieving the ISO-27001, ISO-31000, ISO-8000, ISO-9001 standards.





Our Offering

Software-as-a-Service



Robotic Process Automation

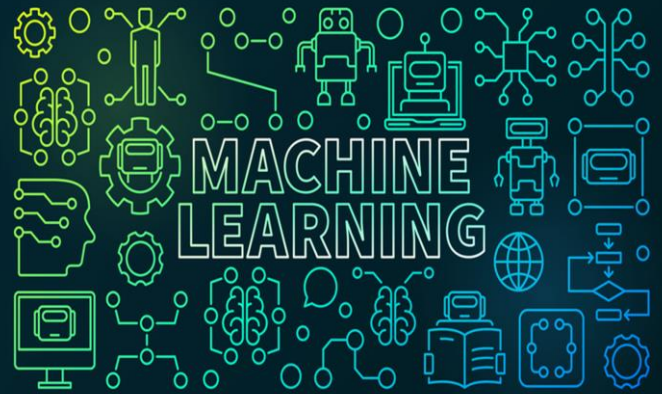
Robotic Process Automation is the automation of rule-based repetitive, time-consuming business workflows with minimal or no human intervention. RPA reduces operational costs of 20-95%, eliminates human error with zero mistakes, improves overall auditing, security, data quality, and achieves significant operational efficiency. RPA is also the ultimate solution for departments or organizations that need to optimize operating systems through modernization, but just don't have the budget for a complete system overhaul. RPA augments your human capital

Robotic Process Automation is the technology that allows anyone to configure computer software, or a "robot" to emulate and integrate the actions of human interaction with digital systems to execute a business process. RPA robots utilize the user interface to capture data and manipulate applications just like humans do. They interpret, trigger responses and communicate with other systems. Only substantially better, an RPA robot never sleeps. Contact us to assess how RPA can benefit your organization.

UiPath™ Intelligent Business Process Automation

Intelligent Character and Handwriting Recognition [ICR-HWR]

Our ICR and HWR engine converts natural handwriting from scanned documents into computer-based fonts. Template documents such as predesigned forms are loaded into the solution and fine-tuned to improve accuracy levels for a specific template. This is a self-learning (machine learning) solution, meaning the algorithm improves accuracy in both supervised and unsupervised scenarios on its own over time. Our solution complements RPA through digitizing this human-intensive process. Through learning the patterns of data processed, the model is able to predict with higher accuracy with each iteration of the same template.



Neuralytics-AI Engine

This is our deep learning engine where we use artificial neural networks for predictive modelling. Our advanced analytics engine allows us to model solutions in the shortest time possible, or by taking existing time-consuming methods and creating shortcuts to reduce the overall processing time whilst improving the quality of the results. Our engine is growing and currently caters to banking, insurance, telecom, energy, hospitality, health, mining, oil and petroleum, employee benefits, logistics, and asset management. Our revolutionary ICR-HWR solution is derived from this engine.

Catin TAS

Technology Advisory Services

Every firm in today's technology-ingrained world depends on the ability to make the right decisions in both partnering with the right professionals, as well as the tools required to enable them to adapt to the ever-changing landscape of customers and competitors alike.

At Catin TAS, we use a client-driven approach with a suite of IT support services, driven by Subject Matter Experts within various domains. We focus on the impact technology has on business rather than just systems implementation to fulfil job requirements. As a result, our advice is independent and geared towards the specific needs of each client.



Technology Advisory Services

- Align Business with IT
- Business Process Optimization
- Enterprise Data Management Strategy
- Management Consulting
- IT Business Transformation
- IT Strategy & Implementation
- IT Roadmaps
- IT Assessment & Effectiveness
- IT Sourcing & Procurement
- IT Programme Delivery
- IT Policies & Procedures
- IT Controls
- IT Due Diligence
- Cost Optimization
- Cloud Computing
- Information & Analytics
- Technology | Platform Advisory
- Process Digitization
- Robotic Process Automation
- Digital Forensics
- Cybersecurity
- Global Rollouts

Advisory Services



Consulting Services

Catin Consulting

While our Advisory division's focus is there to tailor a strategy that fits and uncover the right solutions for your business, Catin Consulting's focus is there to support both the advisory planning phase, and steer your transformation, executing with the latest technology, design-thinking and agility, with the right people driving the delivery.

Our solutions encapsulate all necessary regulatory and compliance requirements at application level, and are built with the latest technologies and an architecture that is flexible enough to adapt to future changes.



Consulting Services

- Robotic Process Automation
- IT Project Management
- Business & Systems Analysis
- Quality Assurance [Testing]
- Database Design & Development
- Systems Integration
- Solution Design & Application Architecture
- Process Digitization
- Digital Transformation
- Workforce Capability
- Business Intelligence & Advanced Analytics
- Customer & Applied Design
- Gamification
- Machine Learning
- Deep Learning
- Core Business Operations



Catin Managed Services [MS]

A partnership with an experienced IT Services provider can help launch your business forward. We have a range of Managed Services that take care of your non-core business processes to enable your team to focus on growth strategies.

Let our experts determine which support program is right for your business through a comprehensive, no obligation assessment of your operations. We provide an in-depth, hands-on examination of your IT environment that delivers a comprehensive view into your IT operations. We will provide you with a thorough, detailed deliverable, outlining recommendations, and solutions to meet the needs of your company's specific requirements.



Project Outsourcing

We're experts at delivering custom cross-country solutions with country-specific regulation, and our developers are subject matter experts with deep domain expertise. With us as a service provider and South Africa being a desirable offshore destination without language barriers: ISO, software, or BI, whatever your project type:

- Outsourcing has guaranteed results
- No recruitment fees, & time consuming processes are saved
- Shorter time to market
- Full spectrum of skills.
- Teams are up and running in days, not months.
- Offshore outsourcing = much lower project costs
- Software projects adhere to ISO-27034 Application Security controls

Project Outsourcing



Professional Services

Human Capital

Organisations are being challenged to innovate, digitize, maximize productivity, and create new value, all while reducing risk and operational costs at a pace that is faster than ever. When viewed as an outcome rather than solely on processes or projects, work becomes the primary driver of not only productivity, but also innovation, meaning and value.

We provide contractors to augment your staff compliment, or to execute and deliver outcome-based services.



Professional Services

Our Professional Services are there to augment your long and short-term Human Capital requirements.

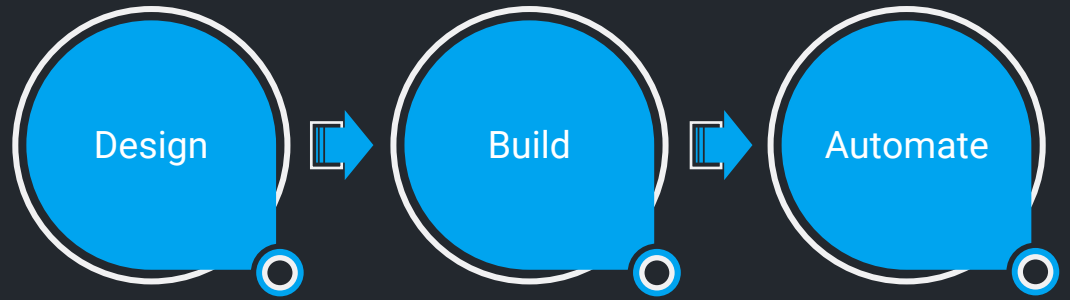
- Line-of-Business Application Development
- Project Management
- Business & Systems Analysis
- Database Development & Administration
- Solution Design & Application Architecture
- Business Process Management [Analysis | Mapping | Optimization]
- ERP Consultants
- Business Process Engineers
- Machine Learning | Deep Learning Specialists
- Cognitive Computing
- Robotics Process Automation [RPA]
- IT Policies & Procedures
- Incident | Problem | Service Management
- IT Developer Managers
- Quality Assurance | Testers





Intelligent Business Process Automation

With customer centricity and operational efficiency in mind, our process is simple; Design, Build, and Automate using lean principles while encapsulating sector-based regulatory compliance.



Contact Us

To discuss your business requirements, your next project, or to see what we've done and how our proprietary solutions can benefit your organization



Evolving Through **Digital Transformation**

Office Locations

JOHANNESBURG

HEAD OFFICE

Cedarwood House - Ground Floor
Ballywoods Office Park
33 Ballyclare Drive
Bryanston
Johannesburg
2191

CAPE TOWN

REGIONAL OFFICE

The Colosseum
First Floor
Century Way
Century City
Cape Town
7441

