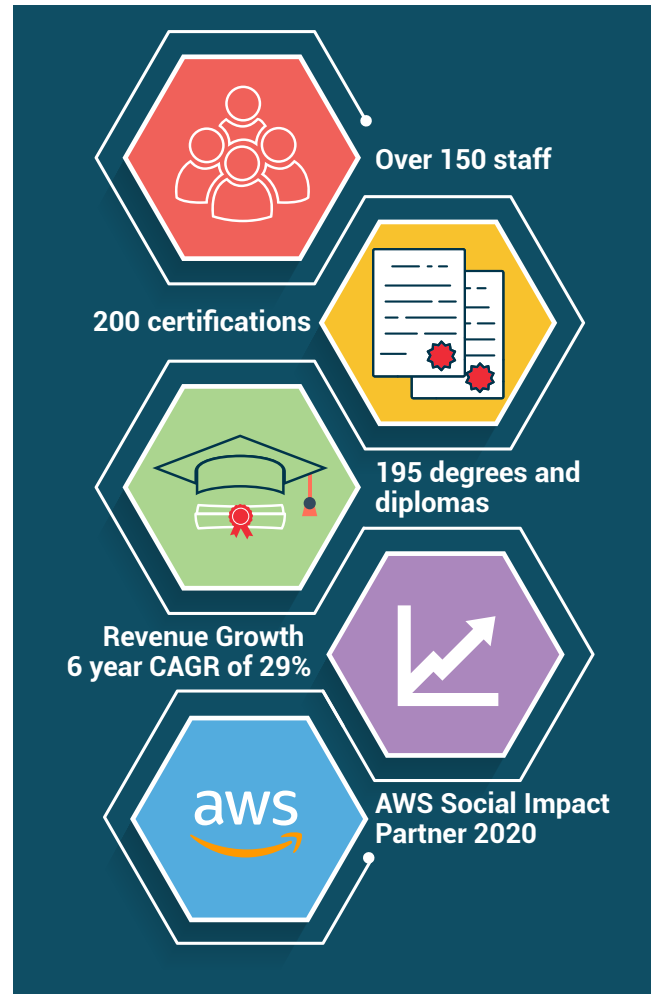# Synthesis Software Technologies

About Us

Name it, we have built it. From best practise cloud environments to banking platforms to machine learning bots that clears inboxes 7.5 times faster.

We are a pioneering software development and consulting company led by business and technology experts. We create solutions based on our in-depth understanding of software, business, code and leading technology.

With over 24 years' business and emerging technology experience, we are the partner of choice to pioneer innovation and competitiveness and the company of choice that top technologists call home.

‣ "Real specialist, best of breed."

‣ "Masters of their craft."

‣ "Innovative, passionate, competent."

‣ "They have not only domain knowledge; they could understand what business solution we were struggling with and supply a solution."

‣ "True partnership – they figure out a different way to solve problems."

‣ "Intimate domain knowledge."

Over 150 staff

200 certifications

195 degrees and diplomas

Revenue Growth
6 year CAGR of 29%

aws

AWS Social Impact Partner 2020

Synthesis

/'sɪnθɪsɪs/

The combination of components or elements to form a connected whole.
Synthesis is a true South African success story.

Success means:
‣ Identifying top talent, equipping them with the skills to innovate and excel at pace.

‣ Forming pioneering partnerships that bring cutting-edge technologies to clients.

‣ Sharing expertise, resources and skills to help our community thrive.

‣ Using state-of-the art technology to solve real-world problems.

‣ Accelerating innovation for our customers.

Success is the culmination of these key ingredients.

Where We Operate

We offer our services in many countries – including South Africa, Mauritius, Sub-Saharan and East Africa, and in the Asia Pacific region and Europe as well.

Our Industry Experience

Our technical capabilities, depth of skill and experience combined with our focus on innovation helps us develop and deliver products and solutions to meet our customers' needs and assist in their business transformation goals.
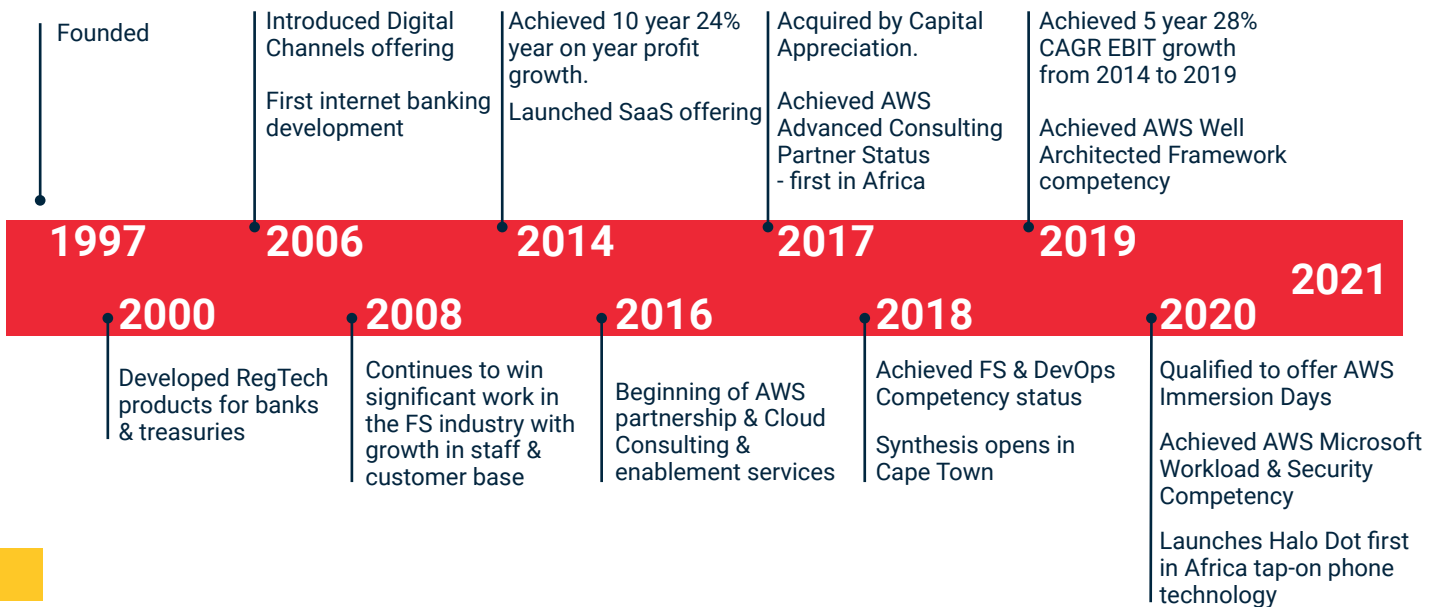

Capital Markets   **Banking**   **Insurance**   **Retail**

Our Timeline

1997	2006	2014	2017	2019	2021

Founded

Introduced Digital Channels offering

First internet banking development

Achieved 10 year 24% year on year profit growth.

Launched SaaS offering

Acquired by Capital Appreciation.

Achieved AWS Advanced Consulting Partner Status - first in Africa

Achieved 5 year 28% CAGR EBIT growth from 2014 to 2019

Achieved AWS Well Architected Framework competency

2000	2008	2016	2018	2020

Developed RegTech products for banks & treasuries

Continues to win significant work in the FS industry with growth in staff & customer base

Beginning of AWS partnership & Cloud Consulting & enablement services

Achieved FS & DevOps Competency status

Synthesis opens in Cape Town

Qualified to offer AWS Immersion Days

Achieved AWS Microsoft Workload & Security Competency

Launches Halo Dot first in Africa tap-on phone technology

Our Mission

Providing innovative solutions based on emerging technologies that help our clients become globally competitive.

Our Sustainability

In 2017 Capital Appreciation Limited, a JSE-listed Fintech company, acquired 100 percent of Synthesis. Following the acquisition, Synthesis remains an independent operating entity within the Capital Appreciation Group.

Our Global Partners

aws   CONFLUENT   THALES   HashiCorp   TREND MICRO

salesforce   CLOUDFLARE   ENTRUST   NGINX   Microsoft Gold Partner

Our Divisions

We can assist you with every stage of your digital journey using the latest technologies to fulfil your needs and solve your challenges.

Cloud

At Synthesis, we believe in leveraging the power of cloud computing to create customer experiences that notably excite, engage and inspire longevity in consumer relationships.

With global acceptance of cloud computing, we have, over the last several years, deliberately cultivated vast experience and authentic expertise in helping our customers holistically adopt Amazon Web Service (AWS) at scale.

AWS is the world's most comprehensively adopted cloud platform. Its over 175 services, functionality, security, pace of innovation and operational expertise are some of the reasons it has been adopted by millions worldwide. With AWS, we can lower costs, increase innovation at pace and embrace agility.

Digital

The Future Has Begun.
The technology that will define tomorrow is already being built today. At Synthesis Digital, we pioneer change. We do this with purpose. That purpose is to design exceptional digital solutions and software that will drive our clients' success and industry excellence. Our speciality lies in building, refining and evolving digital channels for financial services and retail. Our solutions are secure, customer's centric and create tangible impact.

We bring a mix of smart technologists, entrepreneurial spirit, a culture of creativity and a commitment to co-create with our partners, and this makes us the ideal team to build the future.

Intelligent Data

Let insight lead with Synthesis Intelligent Data.

We are a team of expert Data Engineers,

Data Scientists and Machine Learning Engineers who reimagine the way businesses work to realise business value. Our experience is not siloed, and neither is your business. We are business transformers. This means that when we partner with you, we immerse ourselves in your business and use the latest technology, creating high impact projects to achieve your goals.

Synthesis Intelligent Data offers end-to-end solutions across the data journey, incorporating:

Data Engineering, Data Analytics & Exploration, Artificial Intelligence, Data Streaming, Machine Learning Modelling and Machine Learning & Cloud Deployments.

Academy

The Synthesis Academy: Skills that take you to the cloud and back, from A to AWS.

We bring you customised onsite and digital training solutions, with professional technology facilitators. These facilitators have years of practice and the ability to translate complex theory into practical application.

Our rapid competence training embraces story-based, gamified learning with plenty of opportunity to learn experientially.

Let us help your business and technology teams understand the economics of cloud, and articulate the business benefits. We jump-start your foundational and advanced competence in technologies such as AWS, Kubernetes, Terraform and Kafka. Through cloud-readiness workshops and pre-production gamedays, we help you mitigate risk and move to production seamlessly.

Managed Services

You've started your Synthesis Cloud and Emerging Tech journey, now let's continue. Synthesis MSP looks after your environment from end-to-end, so you don't have to. All of this is achieved by bringing Synthesis's

ongoing Thought Leadership to your Cloud and Kubernetes Infrastructure.

Our Managed Service offering provides 24×7 Monitoring and Incident Management, Backup and recovery, Cost Optimisation, Patching and architectural guidance for AWS, Kubernetes and Atlassian environments. In addition, through our DevOps-as-a-Service capability, Synthesis MSP is capable of serving your on-going DevOps needs such as AWS Infrastructure as Code build outs, Kubernetes cluster creation and changes, CI/CD and configuration management and more.

You know your business, we know AWS and Kubernetes – let's do what we do best!

Payments

Every business relies on confidentiality and data integrity to establish trust with their customers. In a digital world, this trust cannot be achieved without making use of advanced cryptography.

We provide a range of services and software products that protect sensitive information and payment transactions.

Using state-of-the-art cryptography, backed by Hardware Security Modules (HSM) we protect Card PIN numbers, contactless payments and enterprise encryption.

Our products include:

Keystone
Keystone is PIN management solution that enables view/change PIN functionality through any digital channel.

Halo Tap
Halo is the first Tap-on-phone technology in Africa breaking payment boundaries and simplifying transactions.

Regtech

We constantly engage with current technology trends, and formulate products based on common industry needs.

We are able to address localised problems, such as reporting to SARS and SARB, and connect to institutions such as Bankserv and the JSE. Our products evolve in tandem with market requirements, with our software updating alongside legislative changes in real time. The pain of technical reporting and ensuring regulatory compliance is removed as the software automatically addresses this for you.

MarketTech

Our MarketTech area focusses on solutions in the trading and clearing space, with the primary focus being on post trade STP (Straight Through Processing) – the overall goal being to speed up trade capturing and synchronisation processes and efficiency by promoting automation.

The area boasts a number of solutions focussed on synchronising between various exchanges (JSE, MarkitWire, etc.), protocols, trade and risk management systems, and messaging providers, allowing for seamless integration, flexible configuration (including aspects such as mappings, lookups, enhancements), and reconciliation capabilities.

If you want to start, rev-up, optimise or change your digital journey – Contact us.

These companies all did and here is what they had to say:

Their experience and capability have proven invaluable."
Neil Adamson, CIO - Discovery Vitality Group

"Synthesis, with its strong microservices and cloud capabilities, brought the skills and insight we needed to get the new technology in place in record time."
Craig du Toit - Absa

"The solution they created revolved around genuine client satisfaction and not just completing a task, and that worked for us."
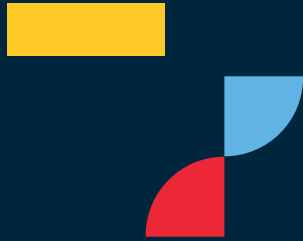Indranil Bandyopadhyay, Head of Business IT Enablement - Nedbank Insurance

"We have grown with Synthesis. We have grown together as partners and it was a beautiful journey."
Ruchi Jain - Investec Mauritius Team Lead

"We really appreciated Synthesis' solutionist thinking."
Marlana Möller - Portfolio and Programme Manager – Sasfin

synthesis