



Innovative software and hardware solutions

Today, tomorrow
and the future.



Crystalised Apps

About Us

Crystallised Liquid Enterprises T/A Crystallised Apps is a Zambian registered company offering a wide range of services with a primary focus on providing leading engineering and information technology solutions.

Our experienced technical team ensures that all our solutions meet the customer's requirements and we go over and beyond our call of duty to provide the after sales support. In addition, we ensure that the product or service delivered exceeds the customers' expectation.

In this global world, through strategic alliance partnership with international companies, we act as resellers of enterprise grade solutions to all our customers. By combining professional know-how and proven technology with an approach tailored to your specific needs, we help you improve energy efficiency and environmental performance to reduce facility operating and lifecycle costs.

These savings are delivered through best practices and superior designs as a result of our wealth of knowledge, and our vast design and project experience. Further, we ensure that customers are satisfied with all our services; maintaining a zero or low downtime with available around the clock support because we value our customers and our work.

Mission



To provide secure, innovative digital solutions catering to every industry, for today, tomorrow and the future.

Vision



To be the most preferred innovative technology company.

Values



Integrity, Innovation, Efficiency, Consistency, Quality of Service, Customer Centricity, Team Work.



Micros

Google



Lenovo

DELL



Software Solutions

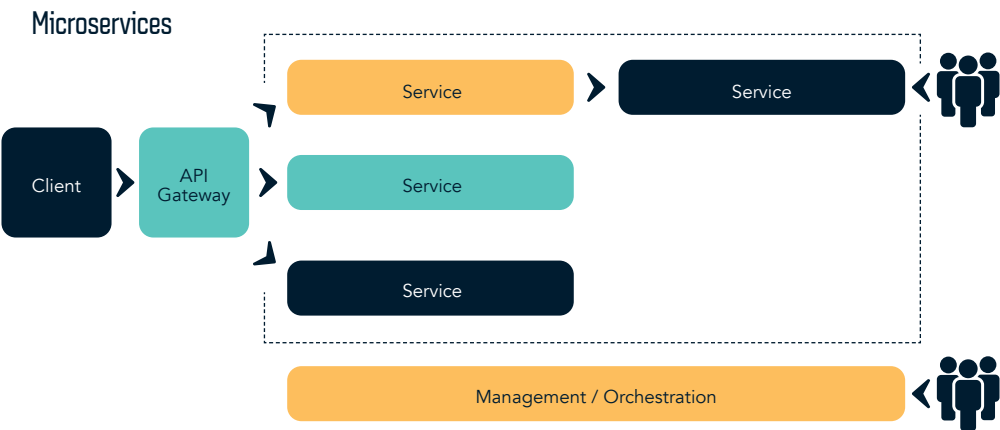
We work with the latest and best suited technologies to deliver our solutions. Our solutions employ the latest API technologies for interoperability, secure custom blockchain technologies for bulletproof security and microservices to ensure our solutions are testable and scalable.

We use the technology stack choice of our client to build desktop, web and mobile solutions that fit into any budget that makes business sense.

Our solutions speak into your needs today, consider the fast pace that technology evolves and hence they are easily adaptable for tomorrow and indeed the future.

Our customers have an option to choose from our solutions offering, which can be customized to their requirement, or to have a whole new solution built for them, from scratch.

Our software development mantra is “let’s have coffee, and we shall build your idea into a solution”.



Our Digital Transformation Offering



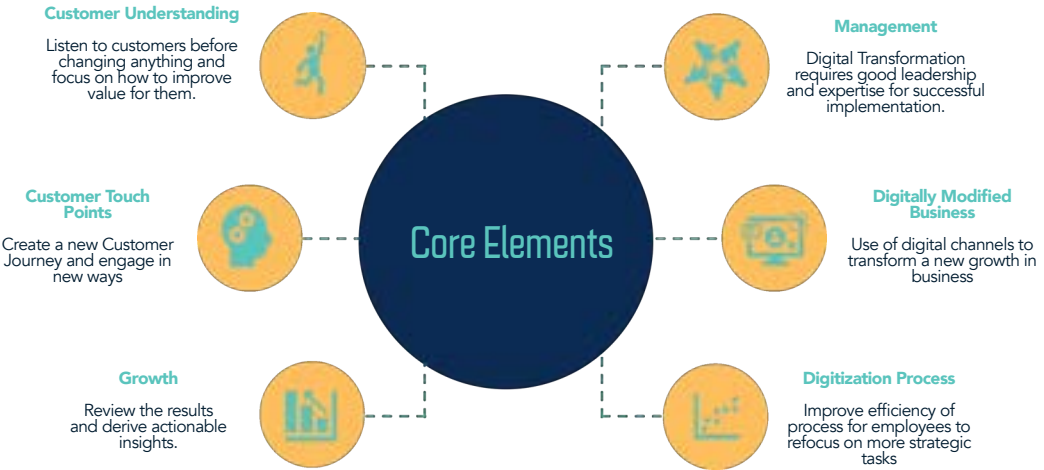
Our Module for Digital transformation uses modern digital technologies, including all types of public, private, and hybrid cloud platforms to create or modify business processes, culture, and customer experiences to meet changing business and market dynamics.

We deliver Digital transformation to drive foundational change in how an organization operates, optimizes internal resources, and delivers value to customers. We are convinced our Digital transformation Cloud-based technologies provide the foundation for becoming more agile, collaborative, and customer-focused something we have proven on most of site where we implement our solutions

3 Fundamental Questions



Digital Transformation Core Elements



Core Products and Services

1 cVote

cVote is a secure, auditable and highly customizable online voting platform that allows an institution to conduct electronic voting and get results in real time. The platform is robust enough to handle voting for the smallest of entities, to large and complex scenarios.

2 cPay-2-Many

Do you need to pay a number of beneficiaries as a once off or recurring transaction and your current financial provider does not provide the flexibility of configurable authorization levels (number of people to authorize the transaction), ability to pay to mobile money users and so many other features as you would desire? If your answer is yes and if you have even more requirements for such scenarios, cPay-2-Many is what you have been looking for.

3 cAgent-Manager

An agent can be any point of interaction between the customer and a company representative. Our solution automates the recording of all transactions that an agent performs. It be that they are receiving cash and there is need to update a back office system or they need to receive mobile money, our platform makes this possible.

4 cInventory-Quota Manager

This solution enables institutions that provide their staff stock in controlled quantities and at agreed intervals i.e. a company that gives its casual workers work suites twice a year. Our solution will track who has received the item, when next they can receive that item and ensure that they do not get the item before their next due date. Our solution is highly configurable and flexible to allow setting up as per institution business rules.

5 cGate-Pass

Originally built in response to automate the workflow around requesting and authorizing movement of assets in and out of a controlled environment. It allows one to request for an asset transfer, providing all the details, including a photo of the item, and through the configured approval process, the request is then subjected to approvals and at every stage sending emails/SMS to the requester and authorizers. In the case of an asset transfer between two offices, the receiving employee is the last approver of the request.

6 cLoans

This solution is tailored for institutions that provide in-house loans/advances to its staff. It allows for a member of staff to request for a loan and using a highly configurable and flexible authorization matrix, the loan is subjected to approvals. The requestor is able to track the progress of the loan and at every stage the system sends notifications (email/SMS) to the requestor and approvers.

7 cUtils

We have built numerous utilities which we provide at giveaway prices to our customers of our other products. As an example, we have an airtime/data management system that allows department heads to amend/add employee data and airtime entitlements. At the appropriate date, the Human Resource department downloads a company wide system of employee entitlements and sends it to the appropriate Telco. This is just one of the many nifty utilities that we have to offer at almost free of charge, provided you are an existing customer of ours.

8 cInvoice

The Zambian Revenue Authority (ZRA) recently implemented the Tax Invoice Management System (TIMS), which aims to combat tax evasion by small to medium companies by standardizing and capturing all invoicing processes and getting rid of non-compliant manual cash registers.

9 General IT Supply, Delivery, Installation & Support

We have a dedicated team that will assist any entity with IT procurement, installation and general IT support. Talk to our experienced team on mwaiseni@crystalisedapps.com for all your specialized IT support.

Hardware Services

We are able to source, supply, install and support computer hardware of various kinds. From the simplest handheld device to the most complex mainframe server systems and everything in between.

Here are some of the application of our hardware services: -

Computer Networks

We are able to carry out all Computer Systems Networking and Installations at high standards and regardless of the size or location. We also supply various networking equipment from renowned manufactures ranging from Wireless, Cisco and 3Com Routers, Switches and any fibre related equipment and accessories. We are also able to carry out structured cabling for VOIP and Network Segmentation. Our qualified techs are able to configure a network that will stand a taste of time and offer smooth data flow in the organisation.



Phone Systems

We are the right people for your modern or Hybrid PABX Systems. We utilize latest software and hardware, customized to the right size for each client, ensuring we maximise output desired. We also offer billing software that will help the client control and monitor telephone usage as well as the use of access codes to control access to the restricted lines. Service and Maintenance of all installed hardware and software is available ensuring a fully covered after sale Service.



Data Center Design & Setup

We understand the critical role a well-designed and implemented data center plays in your organization's success. Our team of experts offers comprehensive data center design and setup services, meticulously crafted to meet your specific needs and scalability requirements. We prioritize efficiency, reliability, and security, ensuring your data remains protected and accessible 24/7. No design is too small or too big for us.



Access Control & CCTV Systems

We are leading experts in biometric fingerprint reader time and attendance systems and access control solutions. We are able to perform the following functions:-

- Supply and installation of only the best time and attendance software
- Installation of only the best high quality fingerprint reader technology
- Supply and installation of only the best access control hardware and software
- Delivering a real ROI to all our customers - every customer, every day, all the time

We are product-independent. This means we are not tied to any brand of hardware or software, but rather loyal to our customers and understanding their needs.

We offer state of the art Digital CCTV Security Installations. This is a Surveillance System that will monitor Sensitive areas such as Accounts offices, Main Entrances, Car Parks, Receptions and Computer Rooms. The System will carry out Real Time recordings of all activities onto a high Storage Hard Drive for future reference or playback. The footage recorded can be stored on a removable drive, retrieved and viewed from any device offsite such as from DVD players, Computer based Media Players and so forth.



Other Products and Services

- Servers and Server Accessories
- Computers and accessories
- Laptops and accessories
- Mobile solutions
- Power backups
- Networking equipment and accessories
- Printers and accessories
- Projectors
- Software design, development and Installations
- Maintenance, repair and service

Software Solutions



- Microsoft - *Email, Security, Infrastructure, Collaboration, Etc.*
- Symantec Backup & Antivirus - *Backup & Data Recovery Solutions*
- Kaspersky - *Security Solutions*
- Adobe Products - *Designing & Architectural Solutions*
- Quick Books - *Financial Solutions*
- Cyber Security - *High End Security*

Hardware Solutions




- Desktops (HP / Dell / Acer / Apple / Lenovo)
- Laptops (HP / Dell / Acer / Apple / Lenovo)
- Servers (HPE / Dell / Lenovo)
- Printers (HP / Epson / Canon / Zebra)
- External Hard drives (Western digital / Seagate / Toshiba)
- Accessories (laptop bag / speakers / cables etc. etc.)
- Networking Products (Cisco / HP / Linksys / D-link / Excel)
- UPS (APC / Mercury / Powercom etc)
- General office stationary
- Consumables (Toners and Cartridges)



Successfully Implemented Systems

Here are some of the systems that we have successfully implemented.

	CLIENT	SYSTEM DEVELOPED	SYSTEM DESCRIPTION
1.	 NATSAVE National Savings & Credit Bank (NATSAVE)	Zambia Emergency Food Production Facility (ZEFPF)	Integration into farmer database and development of a system that allows processing of cash payments from farmers. Integration into the Core Banking system and the Zambia Integrated Agriculture Management Information Systems (ZIAMIS). The solution comprised a centralised Web based system and linked mobile applications for users enabling collection of Cash deposits across the Country.
2.	 Indo (Z) Bank	Farmer Input Support Programme (FISP) Collection System	Development of a Mobile money Collection Solution which was integrated into ZIAMIS and the Core Banking Systems for the bank via provided APIs. The system enabled the Bank to process collection of cash/mobile money payments from farmers across the country. Web and mobile application.
3.	 United Bank for Africa United Bank for Africa (Z)	Farmer Input Support Programme (FISP) Collection System	Integration into ZIAMIS and development of a system that allows processing of cash payments from farmers. Integration into Bank systems. Web and mobile application.
4.	 Monze, Mazabuka, Mumbwa, Choma Councils (Pilot)	Local Government Revenue Collection System	<p>Developed a robust system in accordance of the mandate of the local councils in regard revenue collection. The System handles all collections of revenue for various revenue streams including Licensing and service fees.</p> <p>The system has inbuilt robust billing and payments receipting capabilities with automated reminders and alert functions. The solution provides automated licensing managing capabilities including workflow based approval process and inspection tools to detect expired licenses.</p>
5.	 Japan Tobacco International	SAP Invoice Integration to ZRA	Development of APIs that integrate SAP invoicing system used by JTI into ZRA.

6.	 <p>Office of the Public Protector (OPP)</p>	Electronic Case Management System	<p>Developed an end-to-end Case management information system for the office of the Public Protector which handles all aspects of processing a case from inception through various types of users and allows uploading and organising of associated documentary evidence including images and audios.</p> <p>The system also supports automated Monitoring and tracking of progression of all cases handled by OPP including flagging of cases that are being delayed.</p> <p>The solution comprises of Desktop and web Applications</p>
7.	 <p>Young Women's Christian Association (YWCA)</p>	Custom Online Learning Platform	<p>Developed an online Learning System for sharing Learning content to registered users according to their categories including interests, type of users and subscription to specific type of content. The system also manages enrolment with associated approval process as well as tracking user learning progress.</p> <p>The system comprises of a Web and mobile Applications</p>
8.	 <p>Zambia Breweries</p>	Knowledge Management System	A system used for training of staff on various business activities, tracking of each employee progress. The system is also used as a knowledge repository. Web and mobile Applications.
		Inventory Management System	Developed an Inventory Tracking and issuing system for staff. Things like PPE etc. Includes quota management and approval workflows from the security team, to the department heads and all the way to the executive decision makers. Web Application & Mobile App.
		Staff Loans System	Management of staff loans issuance and payment tracking. (Web Application)
		ZRA Invoicing	Integration of the invoicing system into ZRA. (Web Services Integration) including all the custom workflows from invoices generated by distributors on the go. Key to this was distributor identification and generation of reports for various users on the system.
9.	 <p>Ministry of Community Development & Social Services</p>	1000 Days Nutrition Social Cash Transfer System	<p>Participated in a joint Venture arrangement in the development, implementation and support of the pilot project for the first 1000 days of a child.</p> <p>Integration into the mainstream social cash transfer system. Web and mobile applications.</p> <p>The 1000 Days MIS provides a unified National Database of beneficiaries and handles case management of Eligible Beneficiaries from Registration to payment of Social Cash Transfers and tracking vital activities and information related to the Programme.</p>
10.	 <p>Zambia Agribusiness & Trade Project (ZATP)</p>	Custom Monitoring & Evaluation System	<p>Part of the development team for the custom monitoring and evaluation system.</p> <p>A solution designed to combine planning and business intelligence functionalities in one platform that includes advanced features for data visualization, such as charts, reports, pivot tables and dashboards, allowing the users to extract meaningful insights from their data.</p> <p>It also allows end-users to set up data models, data collection forms, business and validation rules, dashboards, reports and much more in order to create a fully-fledged solution for data management.</p>



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