



SMART COOP: ENTERPRISE SYSTEM FOR COOPERATIVES & ASSOCIATIONS

A Business Transformation &
Digital Experience Platform

Solution Brief

Powered by



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TABLE OF CONTENTS

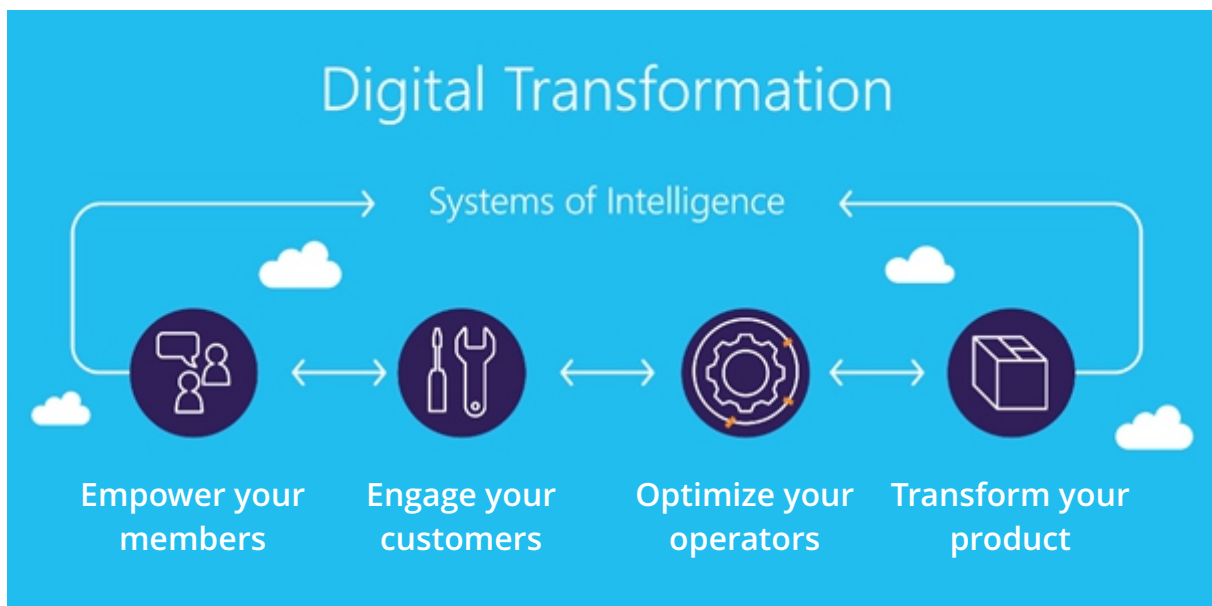
1. INTRODUCTION	3
2. OVERVIEW OF THE SMARTCOOP: CO-OPERATIVES AND ASSOCIATIONS MANAGEMENT SYSTEM	4
How it Works	4
Core Modules	4
Integration Points and Component	5
Why Choose Smartcoop® Cooperative and Association Management System	5
Tenets of our Smart Coop®: Cooperatives & Associations Management Information System	6
3. WHO CAN USE SMARTCOOP	7
4. DEPLOYING AND RUNNING THE SMART COOP	8
Solution Architecture	8
Deployment Methodology	8
Deployment Options	9
Compatibility Indices	9
Security Features	10
5. Pricing Model	11
6. About Hemingway Global Services Ltd	12
Contact US	

1. INTRODUCTION

Cooperatives & Associations solve the general economic problem of under or over production, business uncertainty, and excessive costs. Cooperatives & Associations address market failure and fill gaps that other private businesses ignore; such as: provision of rural electricity or other utilities in sparsely populated areas, provision of affordable healthy and organic foods; and access to affordable credit and banking services, to affordable housing, to quality affordable child or elder care, to markets for culturally sensitive goods and arts.

Research shows that Cooperatives and Associations businesses have lower failure rates than traditional corporations and small businesses, after the first year of start-up, and after 5 years in business.

About 10% of cooperatives fail after the first year while 60-80% of traditional businesses fail after the first year. After 5 years, 90% of cooperatives are still in business, while only 3-5% of traditional businesses are still operating after 5 years. This is often because of the many people involved in starting a cooperative and the high level of community support for cooperatives.



"The core essence of digital transformation is to

- optimize business operations via automation,*
- transform product & service offerings by streamlining them,*
- empower members via software modules and*
- engage customers or beneficiaries*

This has become a core paradigm in modern enterprise software solutions"

Smart Coop® Cooperatives & Associations Management Information System is an enterprise solution that maintains a nominal roll of all registered members, manage deposits and withdrawals, contributions, loan records and investment, basic accounting functionalities. It also provides a single window for executive members to effectively manage all relevant data and operations.

2. OVERVIEW OF SMARTCOOP: CO-OPERATIVES AND ASSOCIATIONS MANAGEMENT SYSTEM

How it Works

The Smart Coop® is a modern state-of-the-art enterprise solution built to handle the end-to-end process of operating an efficient cooperative or Association. All transactions of a member is tracked in the system right from registration to loans, deposits, payments, dividends etc. thus providing a single view of the organization's operational life cycle.

The system also provides useful modules for the cooperative Society or association to easily search, retrieve, verify contributions, deposits, withdrawals, download and view all necessary details pertaining to the cooperative member.

In the end, the overall information and data flow within the organization will be made fast and seamless.

The system is easy to use and very flexible. Users can connect to the SmartCoop® system using any traditional web-browser like Internet Explorer, Microsoft Edge, Google chrome or Mozilla Firefox etc.

The security features shipped with the system is second-to-none. By virtue of our enterprise architecture and information-security experience, we guarantee a 100% security-proof system devoid of any loopholes or backdoors for security vulnerability.

It is the ideal and perfect solution for proper and complete cooperatives and association automation.

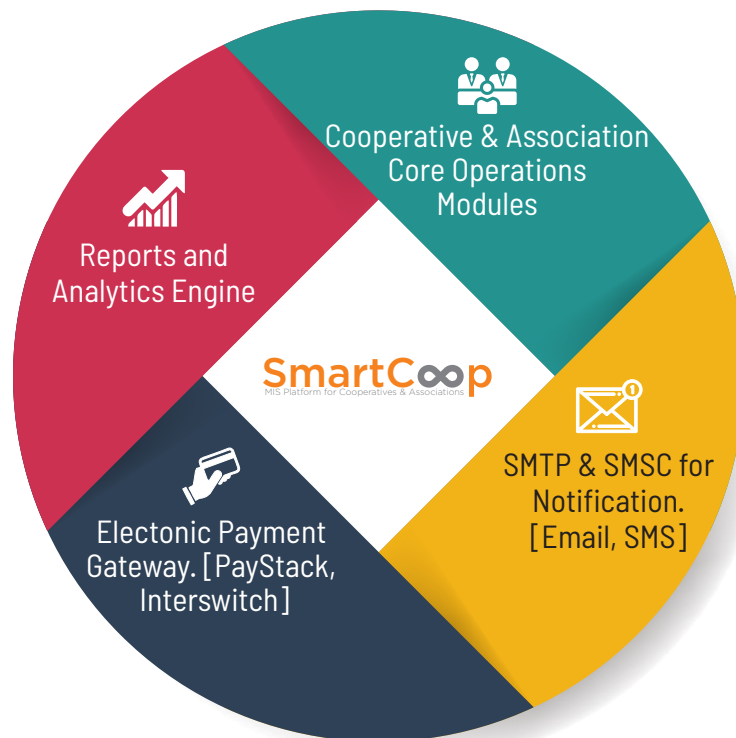
SmartCoop® will introduce a culture of efficiency and reduce paper work for the association by as much as 90%.

Core Modules



OVERVIEW OF SMARTCOOP: CO-OPERATIVES AND ASSOCIATIONS MANAGEMENT SYSTEM

Integration Points and Component



Why Choose Smartcoop® Cooperative and Association Management System?



Flexible and Easy to Use



Robust and Agile to support up to 10,000,000 member registration.



Integration to Existing 3rd party systems like Accounting solutions, electronic payment gateways.



Self Service portal that delivers share and utility services to members and administrators.



Quick Setup and Deployment Model.



Numerous Reports, Analytics and Dashboards for Administrative purposes.



High Availability and Security for Data



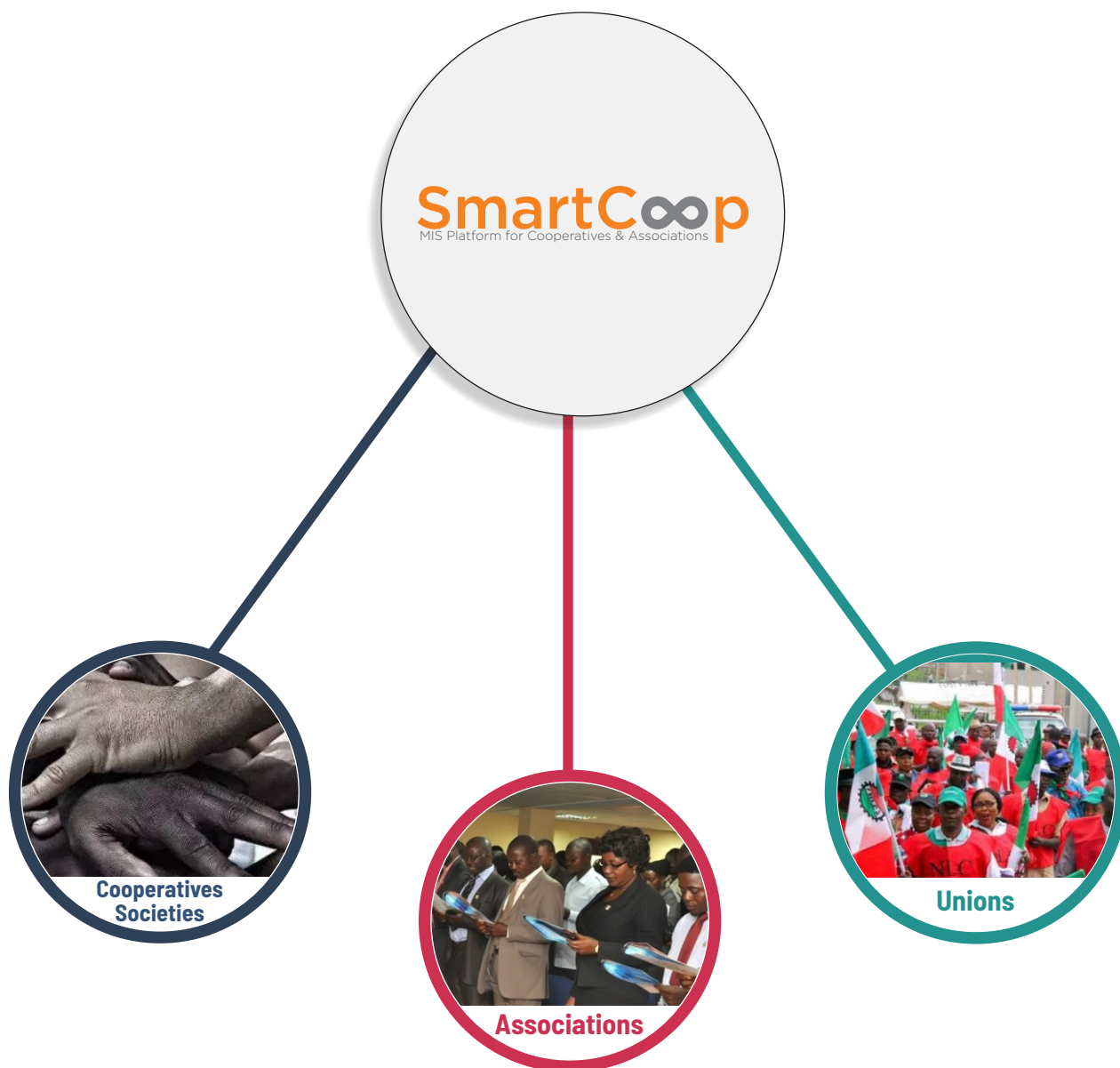
Support, Maintenance and Updates.

OVERVIEW OF SMARTCOOP: CO-OPERATIVES AND ASSOCIATIONS MANAGEMENT SYSTEM

Core Tenets of Smart Coop Enterprise System

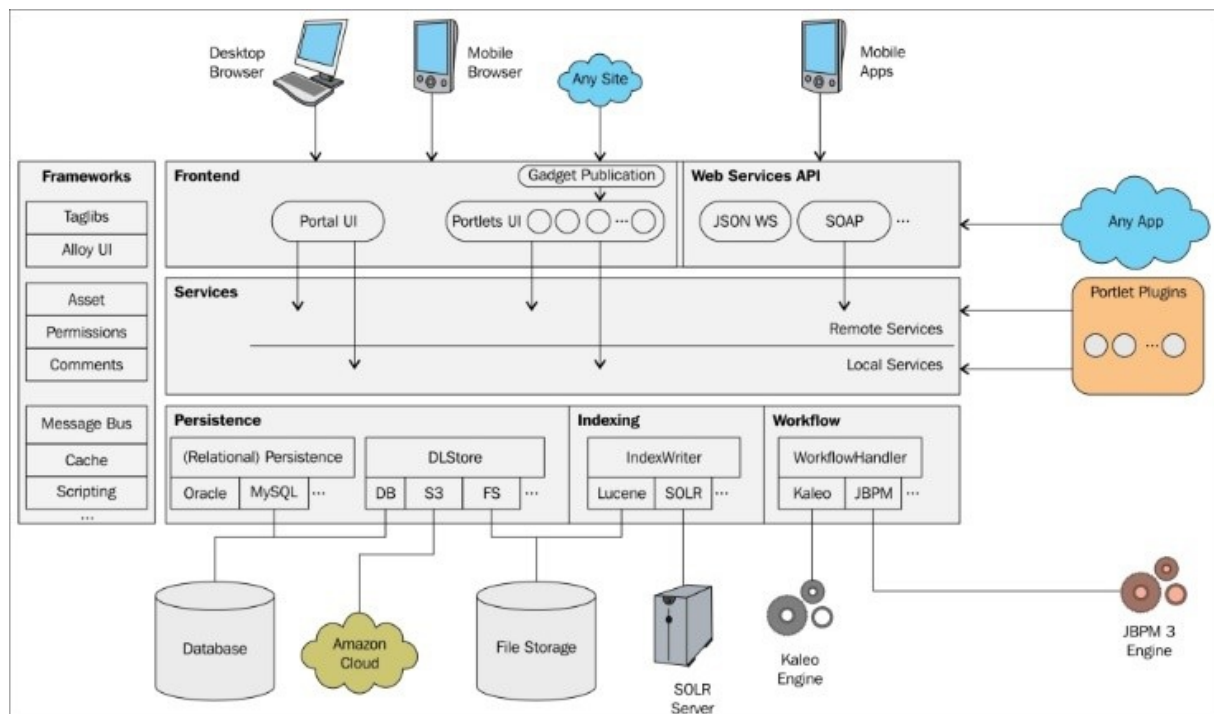


3. WHO CAN USE SMARTCOOP



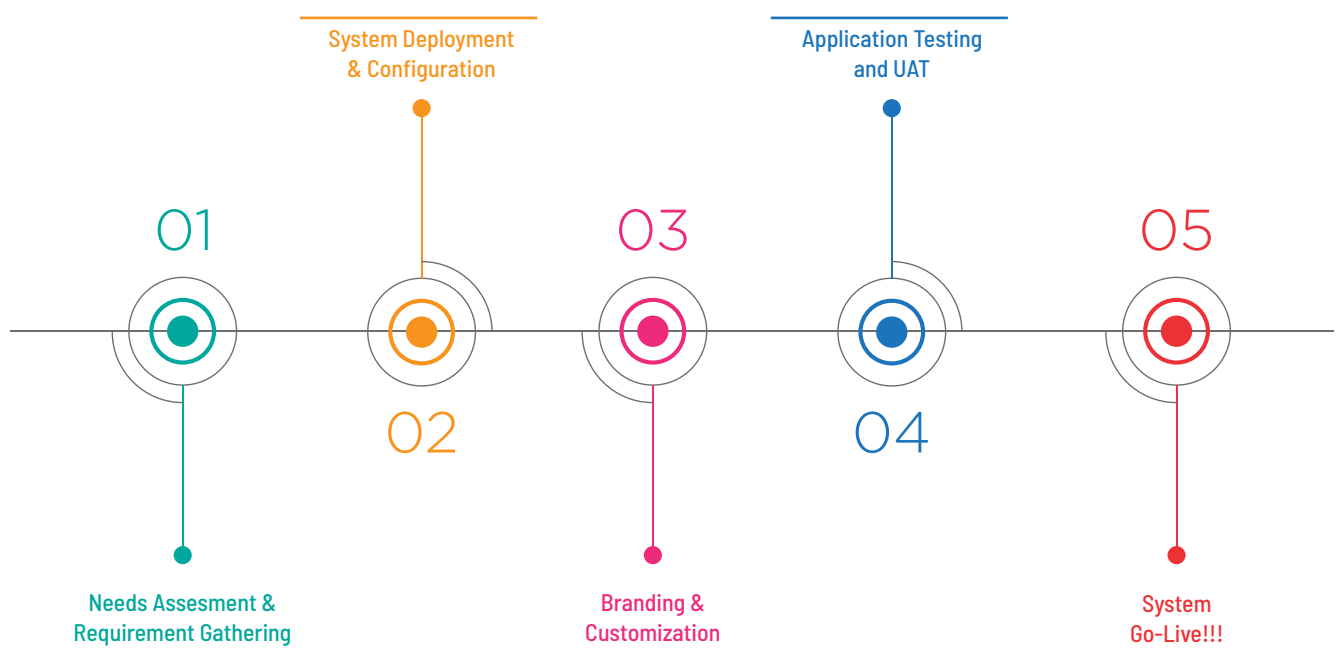
4. DEPLOYING AND RUNNING THE SMART COOP

Solution Architecture



Deployment Methodology

These are the milestones that will be reached during the Deployment of the Smart Coop®: Cooperatives & Associations Management Information System:



DEPLOYING AND RUNNING THE SMART COOP

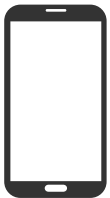
Deployment Options

We have two deployment options:

- Cloud based subscription deployment
- Cloud based stand-alone deployment

Compatibility Indices

DEVICE COMPATIBILITY



Mobile Phone



Desktop and Workstations



Tablet



Laptop

BROWSER COMPATIBILITY



Firefox

(version 3.x & above)



Microsoft Edge

(All versions)



Chrome

(version 3.x & above)



Opera

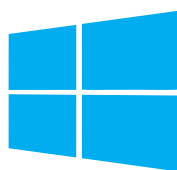
(version 3.x & above)



Safari

(version 3.x & above)

OPERATING SYSTEM COMPATIBILITY



Windows



MAC OS



Linux

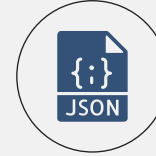
Security Features



AAA: Authentication, Authorization and Accounting



Role Based Access Control



JAAS: Java Authentication and Authorization Service



Phishing Protection



CSRF (Cross Site Request Forgery) Protection



Impala Data Guard (for SQL injection attacks)



Data Encryption via AES (Advanced Encryption Standard)



SSL & HTTPS



Strong Password Policies



Audit Trail



Form Validation and Input Verification



Deny Hosts for (DOS & DDOS attacks)

5. PRICING MODEL

Category	Membership Size	Monthly Subscription fee	Default / One-time setup Fee	One-Off Cost
1	1 – 100	Available on Request	Available on Request	Available on Request
2	101 – 300			
3	301 – 500			
4	501 – 1000			
5	Above 1000			
6	1001 – 5000			
7	5001 – 10,000			
8	10,001 – 20,000			
9	20,001 – 50,000			
10	Above 50,000			



6. ABOUT HEMINGWAY GLOBAL SERVICES LTD

Preamble

Hemingway Global Services is an Enterprise Software and Information Technology (IT) company registered with the Corporate Affairs Commission in 2013 with operational offices in Abuja and Lagos. We specialize in the design, development, deployment and management of enterprise software applications for private and government organizations.

Over the years we have successfully deployed mission critical software systems for different organizations cutting across various industries and sectors. Our team comprises of highly skilled professionals; we are masters at what we do. For us at Hemingway Global Services Ltd, 'Perfection' is our watch word.

Our Services:

- Business Process Re-engineering
- Enterprise software Design & development
- Middleware Integration Services
- Biometrics
- Software Outsourcing
- IT Consultancy Technical
- IT Support

Our Suite of Solutions

- SchoolPlus®: Enterprise School Management System
- Med-station®: Integrated Hospital Management Information System
- Transcript Manager®: Online Transcript Management System
- Hemingway CBA®: Computer Based Assessment
- Phixopay®: Enterprise Billing and Payment System
- Electronic Document Management System
- Visitors Management and Tracking System
- Biometric time & attendance & access control system
- RFID Fixed and Mobile Asset Monitoring and Tracking System
- Galaxy IMPOS®: Inventory management and Point of Sales system
- And Custom built Enterprise Solutions (ERP, MIS, intranet portal etc)



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