Product Catalogue

P T
PREG-TECH COMMUNICATIONS LTD
Integrated ICT Solutions

Software Design & Development
- *Human Resource & Payroll Systems*
- *Healthcare Information Systems*
- *Pension Management Systems*
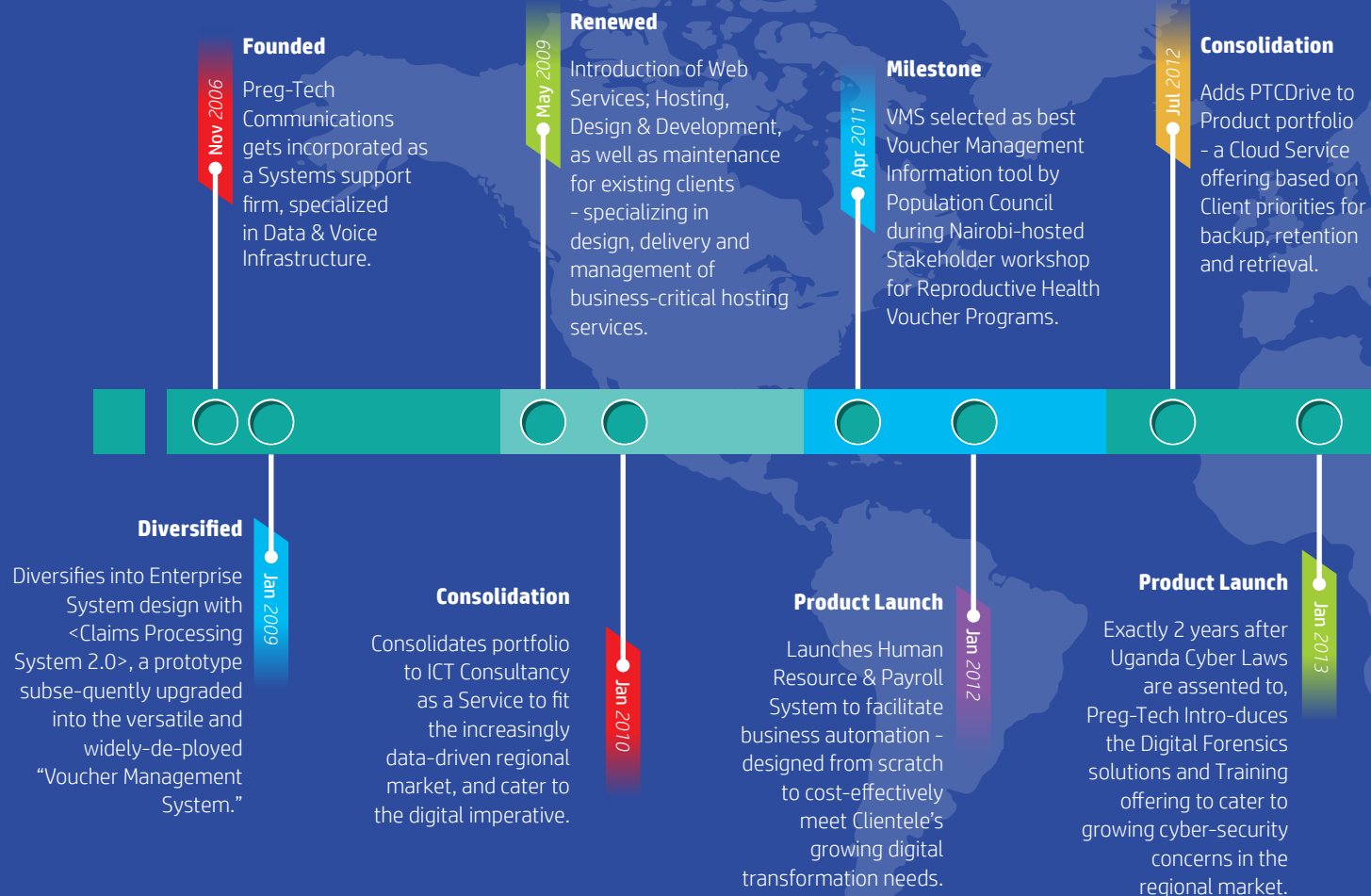- *Management Information Systems*

Network & Computer Security Solutions

Cloud Backup Solutions

Cyber & Digital Forensics

Voice & Data Infrastructure

Founded

Nov 2006

Preg-Tech Communications gets incorporated as a Systems support firm, specialized in Data & Voice Infrastructure.

Renewed

May 2009

Introduction of Web Services; Hosting, Design & Development, as well as maintenance for existing clients - specializing in design, delivery and management of business-critical hosting services.

Milestone

Apr 2011

VMS selected as best Voucher Management Information tool by Population Council during Nairobi-hosted Stakeholder workshop for Reproductive Health Voucher Programs.

Consolidation

Jul 2012

Adds PTCDrive to Product portfolio - a Cloud Service offering based on Client priorities for backup, retention and retrieval.

Diversified

Jan 2009

Diversifies into Enterprise System design with <Claims Processing System 2.0>, a prototype subse-quently upgraded into the versatile and widely-de-ployed "Voucher Management System."

Consolidation

Jan 2010

Consolidates portfolio to ICT Consultancy as a Service to fit the increasingly data-driven regional market, and cater to the digital imperative.

Product Launch

Jan 2012

Launches Human Resource & Payroll System to facilitate business automation - designed from scratch to cost-effectively meet Clientele's growing digital transformation needs.

Product Launch

Jan 2013

Exactly 2 years after Uganda Cyber Laws are assented to, Preg-Tech Intro-duces the Digital Forensics solutions and Training offering to cater to growing cyber-security concerns in the regional market.

Landmark Milestone

Jan 2014

In a turnkey agency partnership with US-based Digital Intelligence, Inc., Preg-Tech becomes the global leader's regional partner in the East African region, representing World's largest Computer Forensics systems manufacturer in the field of digital forensics and eDiscovery.

Milestone

Oct 2015

Hosts maiden Network Security Con-ference in Kampala, introducing stakeholders to the latest information on techniques, strategies for securing a modern Network infrastructure.

Milestone

Nov 2016

Preg-Tech Communications marks a decade of bustling Integrated ICT Solutions with anniversary celebrations.

New Home

Jan 2017

Preg-Tech Communications changes physical address, relocating Company office to Kampala Central Business District, off Lugogo by-pass.

Regional Spin-off

Mar 2015

Explores Regional market - helps set up Digital Forensics Laboratory for Kenya Power & Lighting Company.

Nairobi Office Opens

Jan 2016

Preg-Tech Kenya Limited Opens.

Product Launch

Dec 2016

Launches FBMS to facilitate convergence across business processes and drive automa-tion in Forex trading opera-tions (Bureaus) in the regional market.

Milestone

Apr 2018

Jointly-organiz-es and hosts Inaugural Digital Forensics Boot Camp with Digital Intelli-gence Inc, at Lake Victoria Serena Golf Resort & Spa Entebbe.

Software Design & Development

As market forces change the way we do business, the way companies spend on IT is also changing. With emerging applications on the cloud, the explosion of mobility, and the convergence of computing, businesses across industries are looking for custom application development solutions to support their individual business needs.

FBMS
Forex Bureau Management System

Product description

A pioneering local Forex partner where all data can be shared with the main office DDX server according to client configurations, allowing for the management of multiple locations from a centralized office.

A customizable platform tested over time and suitably designed to manage daily Foreign Exchange (FOREX) Bureau operations, the FBMS is accredited for use by both the Central Bank and the Uganda Forex Bureau and Money Remittance Association back in 2014 - the system has been improved over time to secure Customer data and efficiency.

Features

- Captures and manages Forex sales and purchases.
- Generates customizable electronic receipts for both internal, and external use (by Regulators).
- Generates automated reports as per Central Bank specifications; daily, weekly, monthly, quarterly and annually.
- Automatic Currency rate updates.
- Multi-Currency Sub-ledger accounts.
- Multi-user sign-in.
- Detailed Access privilege system.
- Multi-till management.
- Multi-currency transactions in one invoice.
- End-of-Day Cash control.

Benefits

✓ Management of daily monetary transactions.
✓ Customizable and scalable
✓ Ease of use, with customizable Anti-money Laundering (AML) Policies.
✓ Securely keeps customer records on file along with corresponding transactions.
✓ View profit & loss performance across currencies & totals
✓ Eliminate fraud & careless mistakes by malicious users

Deployment Environment

- Web- & Cloud hosted

Human Resource & Payroll Management, HRP

Product description

Preg-Tech's HRP system solution is scalable, robust, and performs consistently well over time. As a fundamental part of your computer-based information system, it will enhance your organization's productivity and efficiency – rife to meet your unique organizational needs through its customizable suite of modules.

Streamline your processes and simplify your procedures with the HRP System. Our software allows you to quickly and securely organize your data in one easy-to-use system.

You don't have to be a big company to deploy the HRP System Or to afford it. Preg-Tech's Software as a Service (SaaS) has just what small and medium businesses need – the HRP System's Payroll module currently (as of 2018) deployed by players like Ernest & Young, Uganda.

System Features

- Applicant Tracking function
- Employee Self Onboarding
- Time-Off Tracking
- Employee Database and Records
- HR Reporting
- Custom Workflows
- Electronic Signatures
- Mobile App

Benefits

- Efficiently manage both your people and Inventory with the HRP System, and preserve your time and energy to accomplish your Organizational goals.
- Integrates your data points in one place, allowing for more meaningful reports and analysis.
- Customizable and scalable for any size of Organization Expedition of recurring tasks like Payslip generation-through automation
- Ease of use, free up your HR desk to spend more time on higher-level project management.
- Ensures greater Compliance, aided by alerts & automat-ic reporting options for statutory deductions, allowanc-es
- Eliminates Silos with improved Access of Information amongst Staff.
- Improved oversight from a converging and customiz-able workflow design in the System

Deployment Environment

- Local & Web-hosted

www.hr-pms.com

Monster Flights

Product description

Our Flight Reservation System is a web-based booking engine connected with global GDS systems including Amadeus and Galileo, which consolidates the data from all, routed the airlines. The booking engine connected with GDS systems, provides better inventory and rates to end customers and travel agencies. Global travel agencies are going for online airline reservation software because of 24/7 availability and real time bookings.

Dash Board Features:

Search
- Find the cheapest days to fly
- Search and compare cheap flights on the go
- Book direct with hundreds of airlines, agents and travel providers

Filter
- Shortlist and save the best flights
- Sort flights by cheapest, quickest or a balance of both
- Filter by airline, number of stops, take-off and landing times

View & Share
- View baggage allowances and seat reservation fees Save your preference to move easily between devices
- Share your flight details with family and friends

Key Functions

- Option to book multi stop-over/multi-city flights with detailed fare summary.
- Supports frequent flyers programs.
- Displays flight+hotel option and flight deals.
- Displays fare rules and baggage information.
- Option to Sort & filter by various options departure time, trip time, layover duration, refundable fares etc. Generates financial reports and reservation reports.
- Flights enquiry module.
- Allows passengers to choose their seats.
- Print option to view booking details and print E-tickets. Manages service tax, markup and supplier commission settings.
- Facility to pull PNR and its details & Ability to save traveller information which can be used in CRM.

Benefits:

- Early Check-Ins
- Round the clock availability
- Immediate generation of PNR or vouchers
- Competitive pricing
- Changes and Cancellations

Deployment Environment

- Web & Cloud hosted

Voucher Management Information System, VMIS

Product description

Also referred to as a Claim Processing System, the VMS is a robust MSQL database application designed to facilitate Point of Service plans across multiple scenarios like Public healthcare, Extension Services in Agriculture as well as Volunteer programs in Literacy as well as civic education & Community sensitization. The VMIS was the first Management Information System developed by Preg-Tech, from the ground up, in close collaboration with Lotus Technologies* – with the capability to run a Wide Area Network setup with real time access across all the regions in the country.

Features

- Serialized voucher generation
- Voucher activation via system integrated over SMPP and SOAP protocol (USSD, IVR, WEB, SMS, WAP)
- Voucher housekeeping and distribution tracking
- Claims processing & reimbursement
- Expiry date management
- Promotion campaigns
- Loyalty campaigns
- Multiple report generated

Benefits

- Users can top up via the web, mobile app, or SMS platforms as the VMIS is a highly secure multi-top up option that ensures potential revenue generation through prepaid service scenarios.
- Systematic approach & 3rd party integrations
- High security and control voucher activation statistics Increased efficiency, with Stock control for physical and virtual inventory items
- High performance
- Decreased OPEX
- Increased cost-effectiveness
- Independence from recharging request channel
- Multiple product capabilities
- Customized distribution through various channels Predefined profiles with role rights
- Scheduled or on-demand reports
- Facilitate account management programs and channel loyalty initiatives

Deployment Environment

- Client-server based

Product description

Preg-Tech's iSnow software is a revolutionary solution that provides all the features required to manage Group Investment Ventures and Savings.

The solution can also be adopted to manage SACCO operations where members' savings and contributions can be tracked and managed.

The web-based platform has been found to be a perfect control and accountability tool.

Features

- Personnel Information Management
- Security and Access Control
- Investment Portfolio Management
- Expenditure tracking
- Subscriptions
- Document Management
- Loan Management
- Reporting

Benefits

- Promotes transparency and reduces administrative work.
- Members' records are centralized and easy to manage.
- Securely keeps members' records on file along with corresponding transactions
- The system is user friendly
- The system is Integrated with mobile money payments and VISA
- Real time members access of their accounts online
- Customizable reports
- This system is scalable and customizable

Support & Maintenance

- Client-server based

www.isnowsolutions.com

Cloud Backup Services

Mode of Deployment

Your focus is on running your business, not managing its technology. There's no reason you need to spend time or money buying, maintaining and upgrading server technology. For a modest setup and monthly fee, Preg-Tech makes it easy and cost-effective to securely host or backup your data.

Online Storage
Store your documents, music and pictures online with instant access – for sharing and collaboration all in a simple-to-use, secure, environment.

File Syncing
Sync files and folders on your com-puter or external storage device temporarily or permanently with PTC-Drive, our Cloud service. Feel secure, knowing that you can reach your data at anytime, anywhere.

Online Backup
PTCDrive makes file-sharing and collaboration simple and secure. Be in control with our straight-forward user management, online office suite and file versioning.

Online Sharing and Collaboration
Backup all your data online, completely secured in our state of the art datacenters and accessible whenever and wherever you need it.

Security
We have redundant backups through secure servers and are SAS 70 Type II certified, which means our systems are continuously audited and documented.

Data Networks

Data Transmission Infrastructure

Preg-Tech Communications in conjunction with our partners Teltonica Networks is leading the park in the region to customize the networks that will enable smart cities changing outdoor advertising, Large scale video surveillance with remote access, wireless parking, remote image control solutions for armored trucks, Highly customized home networks with TCR100, remote controlled irrigation systems, Plug and play connectivity for EV charging stations, Secure and reliable internet connections for large hotels, Public surveillance & information systems.

Our networks are customized for the sectors below;
- Industrial and Automation
- Energy and Utilities
- Smart City
- Transportation
- Enterprise
- Retail

The services provided when split include; Planning, Structured Cabling, Routing and Switching, Unified Communications, VoIP solutions, Network Border Appliances, Network-end Stations, Advisory, IoT, data centers

We work with partners to bring the latest functionality in the internet space. Listed technology partners include – Giganet, Simeon, Alcatel, Huawei, Cisco, Avaya, DLink, Juniper, GrandStream, Fanvil, Teltonica and FortiGate

Call into Preg-Tech any time any day to have a planned integration initiated by our engineers.

Cyber & Digital Forensics

All businesses are at risk of suffering a debilitating security incident in their IT infrastructures. Preg-Tech's Cyber & Digital Forensics Unit gives businesses the ability identify, preserve, analyze and document electronic data for judicial purposes in such a manner that the integrity, accuracy and reliability is maintained

As market leaders in East Africa, Preg-Tech has over the recent years identified leading products to effectively conduct

• Digital Forensic investigations
• Computer & Mobile Forensics
• Incident Response services.
• E-Discovery
• Data Recovery services
• Document Analysis

Preg-Tech introduced Digital Forensics Boot camps and Trainings to enhance capacity building across Law enforcement, Finance, Oil and Gas, Government, Compliance and Audit vocations – co-facilitated with leading partnerships.

"…the convergence of technology at all levels has created exciting challenges for us with 1 in every 3 projects inclined to integration of a number of disparate functions into a single integrated system, this brings exciting experiences with every project we handle."

Simon Peter Lwanjo
C.E.O, Preg – Tech Communications

Agency dealership and partners

Hardware Partners

APC — Legendary Reliability™
IBM
Lenovo
D-Link — Building Networks for People
CISCO
HUAWEI
DELL
hp
redhat

IT Security Partners

Cyberoam
avast
KASPERSKY lab
SOPHOS

Digital Forensics

Belkasoft — forensics made easier
foster+freeman
IBM
Logicube
Dolphin Data Lab
Digital Intelligence — Mastering the science of digital forensics
AD ACCESSDATA
Cellebrite
CREDENCE SECURITY
opentext™

Cloud Partners

OpenDrive
IBM
TELTONIKA

Clientele

Some Testimonials

"…we are satisfied with Preg-Tech services and trust that they maintain the high level of commitment. We are always in touch…… and team has been doing commendably to meet our needs."

- Vincent Okwija (Mr),
IT Manager

"Preg-Tech was involved in the successful implementation of the ICT Forensics Laboratory System in our Internal Audit Division… It is our opinion that their services were good and satisfactory. We therefore recommend them…"

- Regina N. Karauri (Mrs),
General Manager, Internal Audit

"…the system is used for data management and claims processing of Voucher projects that are being implemented across Uganda. The system is working satisfactorily and the after-sales service provided by the company is highly efficient and prompt."

- Alinda Geoffrey (Mr),
ICT Operations Manager

PREG-TECH COMMUNICATIONS LTD

Integrated ICT Solutions

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