

1. EXECUTIVE SUMMARY & CORPORATE PROFILE

Kraip Tech Solutions is a premier technology provider and software engineering enterprise incorporated and operating in Papua New Guinea. We design, build, and support mission-critical digital systems, modern corporate web portals, multi-location point-of-sale (POS) architectures, and automated messaging workflows engineered specifically for local operational conditions.

Investment Promotion Authority (IPA) Registered National Entity	Internal Revenue Commission (IRC) TIN Verified & Compliant	National Ownership 100% Papua New Guinea Owned	Headquarters Hub Waigani Drive, Port Moresby
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2. CORE ENGINEERING CAPABILITIES

Web & E-Commerce Platforms	Bespoke corporate websites, customer self-service portals, and secure e-commerce storefronts. Built for high-speed mobile performance and local customer accessibility.
Custom Business Operations & Portals	Custom ERP modules, inventory management systems, client portals, and administrative dashboards that replace vulnerable, multi-user spreadsheets with secure role-based databases.
Offline-First Cloud Point-of-Sale (POS)	Retail and wholesale point-of-sale architectures engineered with local data replication. Enables continuous cashier checkouts even during complete internet cable and power disruptions.
Workflow Automation & Systems Integration	Automated SMS order dispatch notifications, WhatsApp automated alerts, receipt generation, and seamless REST/GraphQL API connections between branch systems and head office.
Cloud Infrastructure & Dedicated Maintenance	High-reliability hosting with automated offsite backups, TLS 1.3 encryption, proactive monitoring, and formal Service Level Agreements (SLAs) with 99.9% uptime targets.

3. PAPUA NEW GUINEA FINANCIAL & BANKING INTEGRATION

We engineer direct integrations into Papua New Guinea commercial banking and mobile money infrastructure, enabling automated PGK settlements without expensive foreign exchange fees:

BSP Pay (Bank South Pacific)	Direct debit cardless checkout for national retail consumers in PGK Kina.
Kina Bank Payment Gateway	Corporate 3D-Secure merchant card processing with automated ledger sync.
MiBank Digital Banking	Microfinance integration for regional supply chains and grassroots vendors.
Cellmoni & M-PAiSA	Telco mobile wallet checkouts for unbanked and remote provincial customers.
Visa & Mastercard Global	PCI-DSS compliant multi-currency checkout for international and tourism trade.

4. MEASURABLE PERFORMANCE & CASE STUDY METRICS

Highlands Distribution Hub 75% Faster Reconciliation Offline-first branch inventory sync across Lae and Mt Hagen with zero downtime during subsea outages.	Niugini Freight & Logistics 3.2x Faster Dispatch Digital waybill dispatch and multi-depot consignment tracking, eliminating 14 hours of weekly manual paper reconciliation.	Commercial Enterprise Portals 100% Code & IP Ownership All bespoke software code, database schemas, and intellectual property are fully transferred to the client upon completion.
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Kraip Tech Solutions

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Direct Communications

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Business & Support Hours

24Hrs / 6 Days a Week
(Closed Sabbath: Fri 3pm – Sat 6pm
PGT)
100% PNG Registered & Operated