

DavidGroup[®]

PT DAVID SISTEM GROUP | Indonesia
Superintelligence Security and Eco Efficient Technologies for Global Stability

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WHO WE ARE

DAVID GROUP is a defense technology and cybersecurity company specializing in advanced cybersecurity technologies and mission-critical electronic warfare-capable systems, designed to counter global cyber threats, electronic warfare operations and stealth espionage across critical and high-risk environments.

High-profile clients include the Directorate General of Immigration of the Republic of Indonesia, the Ministry of Public Works and Public Housing of the Republic of Indonesia (PUPR) and the National Cyber and Crypto Agency of the Republic of Indonesia (BSSN).

Partnered with Ministry of Education, Culture, Research and Technology of the Republic of Indonesia (MoECRT).





WHO WE ARE

DAVID GROUP visited several **KSPN Danau Toba infrastructure** (one of DAVID GROUP' projects) with **Indonesian President Joko Widodo**, PUPR Minister Basuki Hadimuljono and a number of other important officials in Samosir Regency, North Sumatra Province in February 2022.

id.wikipedia.org/wiki/David_Group



WHO WE ARE

DAVID GROUP has been entrusted by **the Directorate General of Immigration of the Republic of Indonesia** to enhance cybersecurity within the residency permit infrastructure and safeguard sensitive data of foreigners (WNA).

Following the July 2023 cyberattack by **Hacker Bjorka**, DAVID GROUP has been commissioned to secure passport data across multiple Immigration branches in Indonesia.



BADAN SIBER DAN SANDI NEGARA

The Deputy for Cybersecurity and Government and Human Development Encryption (Dr. Sulistyo, S.Si., S.T., M.Si) of National Cyber and Crypto Agency of Republic Indonesia has been using DAVID GROUP's VPN product.

https://en.wikipedia.org/wiki/National_Cyber_and_Crypto_Agency

DAVID GROUP Has Officially Participated In The Kampus Merdeka Program

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Universities in Indonesia can now collaborate with DAVID GROUP to enhance the quality of cybersecurity at the industrial level.



Optimized Tower Infrastructures

DAVID GROUP's optimized wireless network towers deliver wider and more reliable **signal coverage per site up to 50%** in rural and tough areas, dramatically reducing the need for **additional towers or repeaters**.

This approach cuts both energy consumption and infrastructure costs, **while minimizing environmental impact**.

In other words, where other contractors **need to build three separate towers** to cover an area, **DAVID GROUP only needs two !**

Thanks to **optimized cell design and high-performance antenna systems** that deliver wider, more reliable signal coverage with lower energy consumption.



Battery-efficient Connectivity

A strong, wide and stable signal not only improves network reliability but also reduces smartphone power consumption.

When coverage is weak, devices must increase their transmit power and continuously search for new connections, **which drains the battery**.

With optimized and consistent signal coverage from DAVID GROUP' cell infrastructure, connected devices **operate more efficiently**.

Requiring less transmission power and fewer reconnections, **resulting in up to 30-40% better battery efficiency for end users** (smartphone).



Implemented DC-to-DC Power Architecture

Full DC-to-DC Powering Architecture (12/24/48V) eliminates unnecessary AC conversion losses in every DAVID GROUP network infrastructure and **improving total energy efficiency by 20 to 30%**.

R&D and network testing labs operate on direct DC power or even up to $\pm 380V$ DC ($760V$ **HVDC Bipolar**), eliminating inverter/transformator and reducing power losses.

Most electronic equipments support AC/DC powering. DAVID GROUP applies a direct DC-to-DC powering method a **simple yet powerful concept**.

Small changes but **massive impact** on sustainability and operating costs.



Weather-resilient Renewable Energy Systems

By designing **hybrid and off-grid systems** that run directly on solar or energy storage (ESS)/Hybrid, we enable immediate adoption of renewable power with **minimal infrastructure changes**.

DAVID GROUP also anticipates **Indonesia's rainy months** (October to February), when sunlight is limited and heavy rain **can last for several consecutive days**.

All systems are designed to remain **fully operational for up to one week without sunlight**, ensuring reliable performance even during **continuous rainfall or low-solar conditions**.



DAVID GROUP Cybersecurity Compliance Standards

DAVID GROUP Cybersecurity Compliance Standards defines a **technical and procedural framework** that establishes strict security baselines, encryption protocols and access control policies to **safeguard critical systems, operational data and sensitive information**.

Our compliance standards are **specially engineered** into cell and network infrastructure architecture, ensuring every node operates with zero-trust authentication, secure firmware validation and continuous threat monitoring to **maintain network integrity and resilience against cyber threats or even AI-powered cyberattacks**.

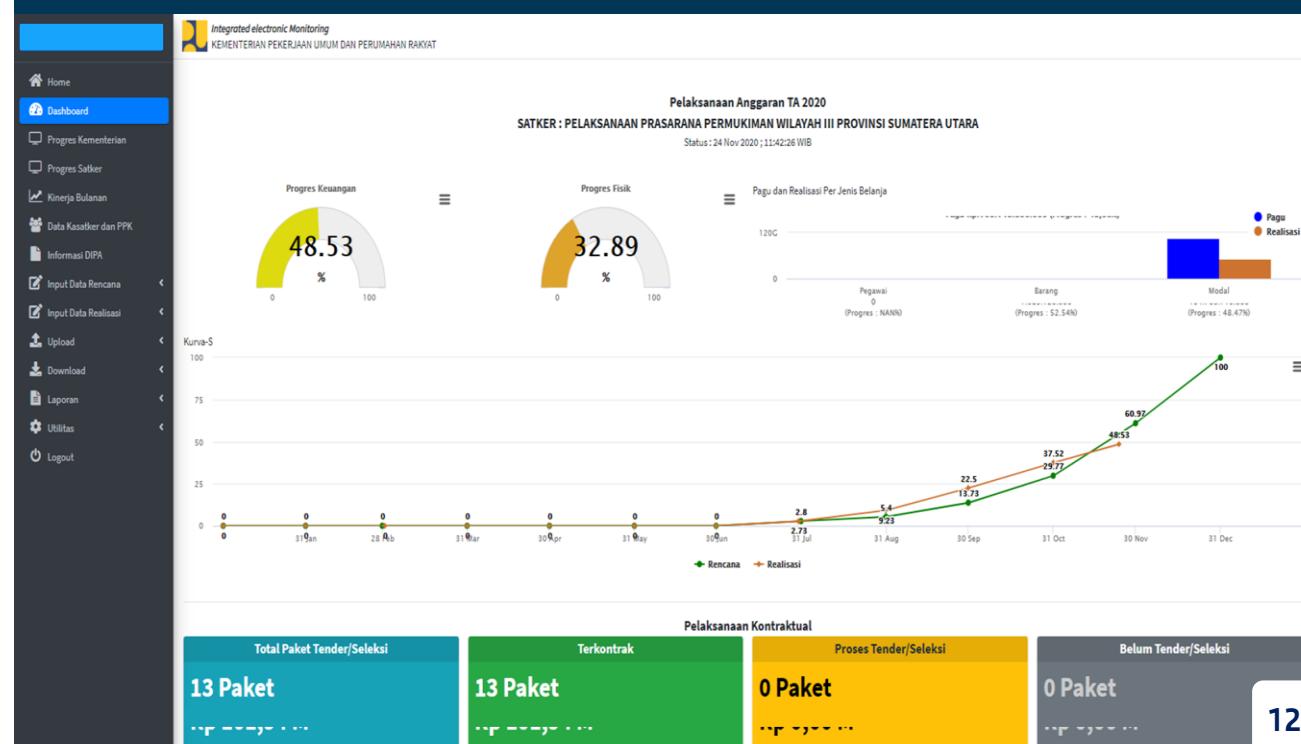
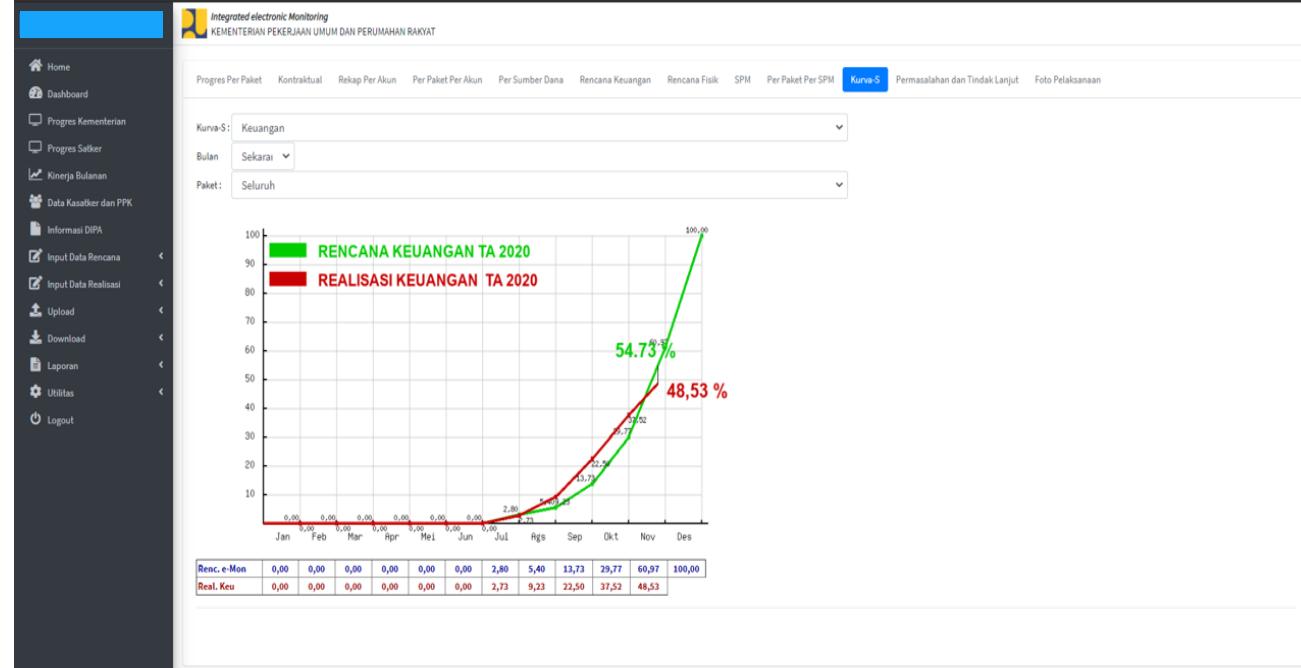
DAVID GROUP Cybersecurity Compliance Standards **has been implemented** by the Indonesian **Ministry of Public Works and Housing** (PUPR) and the **Directorate General of Immigration** (Visas/Residence permit/PASPOR).



KEMENTERIAN PEKERJAAN UMUM DAN PERUMAHAN RAKYAT

DAVID GROUP worked on the Construction Implementation Information System project for KSPN Danau Toba. This project aimed to create an integrated system that assists contractor managers in reporting the progress of their construction developments.

[https://en.wikipedia.org/wiki/Ministry_of_Public_Works_and_Housing_\(Indonesia\)](https://en.wikipedia.org/wiki/Ministry_of_Public_Works_and_Housing_(Indonesia))



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Cyber Security Companies (Top 10K)

Summary

People

Number of People
1,004

Full Name	Primary Organization	Primary Job Title
David Samuel Haloho	DAVID GROUP	Founder and CEO
Richard Ma	Quantstamp	Co-Founder and CEO
Fred Voccola	Kaseya	CEO
Nir Zuk	Palo Alto Networks	Founder & CTO
Kevin Mahaffey	Lookout	Founder

Top 5 People Behind Global Cyber Security Companies

DAVID GROUP founder has been ranked in the top 5 Global cybersecurity companies according to Crunchbase from 2022/2023.

<https://www.crunchbase.com/hub/cyber-security-companies>

13



Asia Cyber Security Companies

Summary

Number of People

981

Full Name ▾

Primary Organization ▾

Primary Job Title ▾

 David Samuel Haloho DAVID GROUP

Founder and CEO

 Shalev Hulio NSO Group

Chief Executive Officer

 Pavithran Rajan Dbaux

Director

 Amichai Shulman AirEye

Co-Founder, CTO

 Ofer Ben Noon Talon Cyber Security

Co-founder & CEO

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PUBLIC KEY INFRASTRUCTURE (PKI) GLOBAL CONSORTIUM

The event took place in Amsterdam, the Netherlands, in November 2023





DAVID GROUP CCTV IP Camera



Triguna Dharma, Medan



Singapore





📍 Huta Siallagan, Samosir



📍 Deli Serdang, North Sumatera



📍 Dairi, North Sumatera



📍 Huta Raja, Samosir



Medan, North Sumatera



Balikpapan, East Borneo



📍 Tebing Tinggi, North Sumatera



📍 Tebing Tinggi, North Sumatera



📍 Medan, North Sumatera



📍 South Jakarta



Key Conclusions:

1. **Many rural and remote areas in Indonesia** have already experienced the positive impact of DAVID GROUP's infrastructure deployment since 2019.
2. **Affordable pricing** ensures accessibility for **low-income and rural regions**, facilitates they are fully integrated into the modernization process.
3. **PV Solar and high-efficiency battery storage systems** enable seamless integration and create clean, optimized and off-grid operations.
4. **DAVID GROUP Cybersecurity Compliance Standards** fortify cell and network infrastructure, ensuring strong security protection.
5. **Significant energy efficiency** reduces both **infrastructure OPEX** and **end-user power consumption**, driving sustainability and long-term cost savings for better ecosystems.

As the number of connected wireless devices **exponentially to grow each year**, reliable long-range outdoor-indoor communication has become crucial more than ever.

Increasing IoT devices, sensors, smart cameras, entertainment equipment, wearables, asset tracking systems and indoor phone heavy-usage all **demand stable and efficient connectivity**.



WHAT'S NEXT?

- 1 DAVID GROUP advances R&D to enhance **hardware efficiency and performance**. A key focus is **dynamic beamforming, multi-polarized antenna systems** that provide **higher signal gain, coverage and stability** even in challenging or **non-line-of-sight (NLOS)** conditions to accelerate **expansion into more rural areas**.
- 2 **Expanding AI-based threat detection** to secure wireless infrastructure, **from rural networks and enterprise systems to global nodes**.
- 3 **Tokenized rewards** encourage and accelerate participation in **clean-energy-based infrastructure ecosystems**, driving sustainable innovation for industries **worldwide**.
- 4 **Expanding digital inclusion infrastructure in rural Indonesia**, while empowering communities with online safety skills and preventing transnational cybercrime through technology for the benefit of humanity.

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