

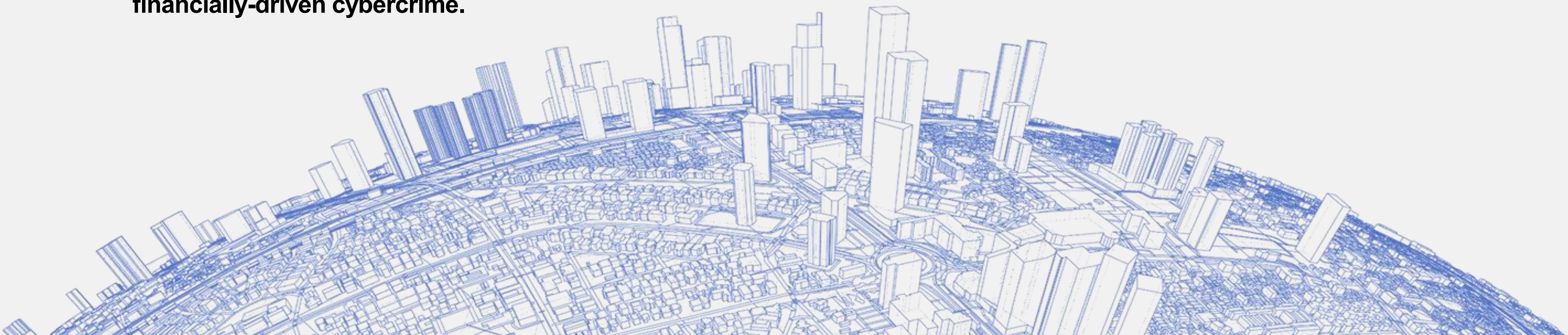
CYBER SECURITY IN PAPUA NEW GUINEA

Monday 11th August 2025



INTRODUCTION

- **PNG's digital transformation is accelerating.**
- **Increased reliance on technology across sectors.**
- **Cyber threats are becoming more prevalent.**
- **Governments around the world have hacked the agencies and organisations of rival states for decades.**
- **Like cybercrime, this has intensified and professionalised in the years since with some states blurring the lines using both government employees and private sector contractors.**
- **Their attacks are generally better funded, more sophisticated and persistent, and mission orientated than financially-driven cybercrime.**



DEFENSE AND OFFENSE OF CYBER CRIME - EXPLANATION



RECENT CYBERATTACKS IN PNG

- IRC cyberattack disrupted tax systems and communications.
- Finance Department breach ('Black Wednesday') exposed sensitive data.
- Weeks-long recovery periods and operational disruptions.

IMPACT ON BUSINESSES

- Core services and operations disrupted.
- Delays in approvals and financial processing.
- Reputational damage and increased recovery costs.

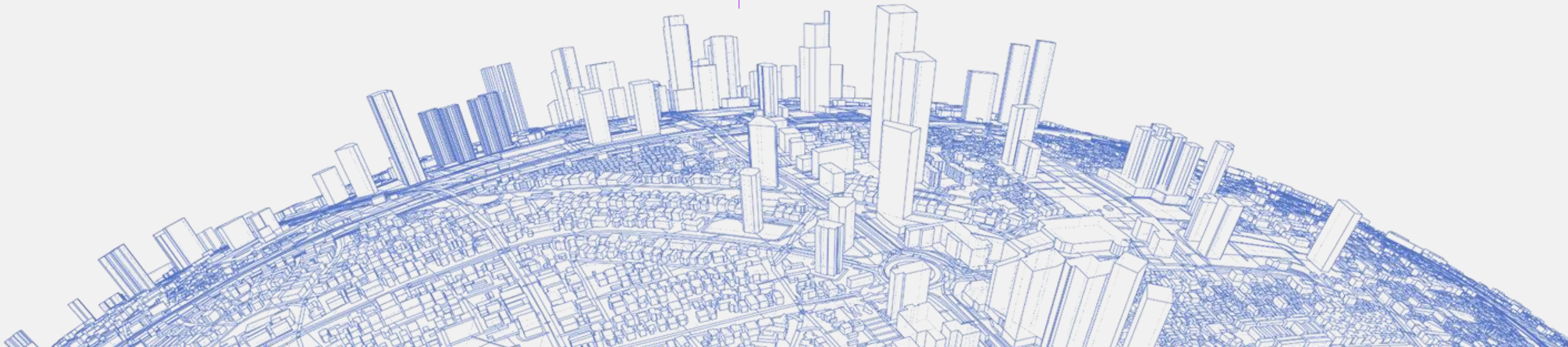


NATIONAL CYBERSECURITY STRATEGY (2024–2030)

- Led by PNG's Department of ICT.
- Goals: protect infrastructure, raise awareness, improve response.
- International partnerships enhance capabilities.

AUDITING AND COMPLIANCE TRENDS

- Cybersecurity is now a mandatory audit standard.
- ISO 27001 implementation gaining traction.
- Example: MRA partnered with Cypro for certification.



BUSINESS RESPONSE AND INVESTMENT

- **Investments in risk management and employee training.**
- **Adoption of scalable security solutions.**
- **Focus on human-centric cybersecurity approaches.**
- **PNG National Cyber Security Centre active since 2018.**
- **Partnerships build capacity and resilience.**

CHALLENGES AHEAD

- **Limited local expertise and resources.**
- **Need for continuous training and awareness.**
- **Importance of proactive strategies**

CONCLUSION

- **Cybersecurity is a business imperative.**
- **PNG must accelerate efforts across all sectors.**
- **Collaboration is key to a secure digital future.**



THANK YOU