

WISE 2026

미토스 시대의 PQC 전환과 보안 거버넌스

세종대학교 노동영
2026. 9. 18.(Fri)

Contents

- 1 변화하는 보안 환경
- 2 PQC 전환의 과제
- 3 PQC 전환 대응 전략
- 4 결론

1

변화하는 보안 환경



Mythos and PQC

Claude Mythos



Mythos in the Headlines

The Washington Post
Democracy Dies in Darkness

A secretive AI hacking system has sparked a global scramble

The Trump administration is trying to gauge the risks of Anthropic's Mythos, an AI system it says can rapidly uncover — and exploit — digital vulnerabilities.

The Indian EXPRESS
JOURNALISM OF COURAGE

Anthropic says Claude Mythos found over 10,000 major software vulnerabilities in a month

Frontier AI lab, Anthropic, claimed that AI cybersecurity model Claude Mythos has uncovered thousands of high- or critical-severity software vulnerabilities in just a month. The claim underpins how AI is now detecting security flaws faster than developers can fix them.

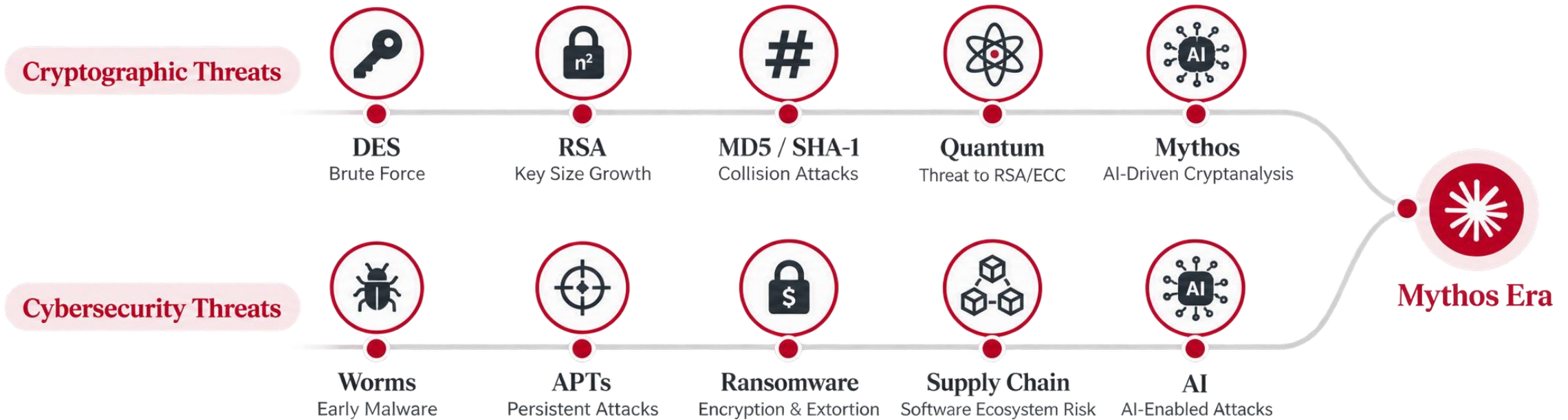
By: [Tech Desk](#) 4 min read New Delhi Updated: May 24, 2026 10:14 AM IST

The New York Times

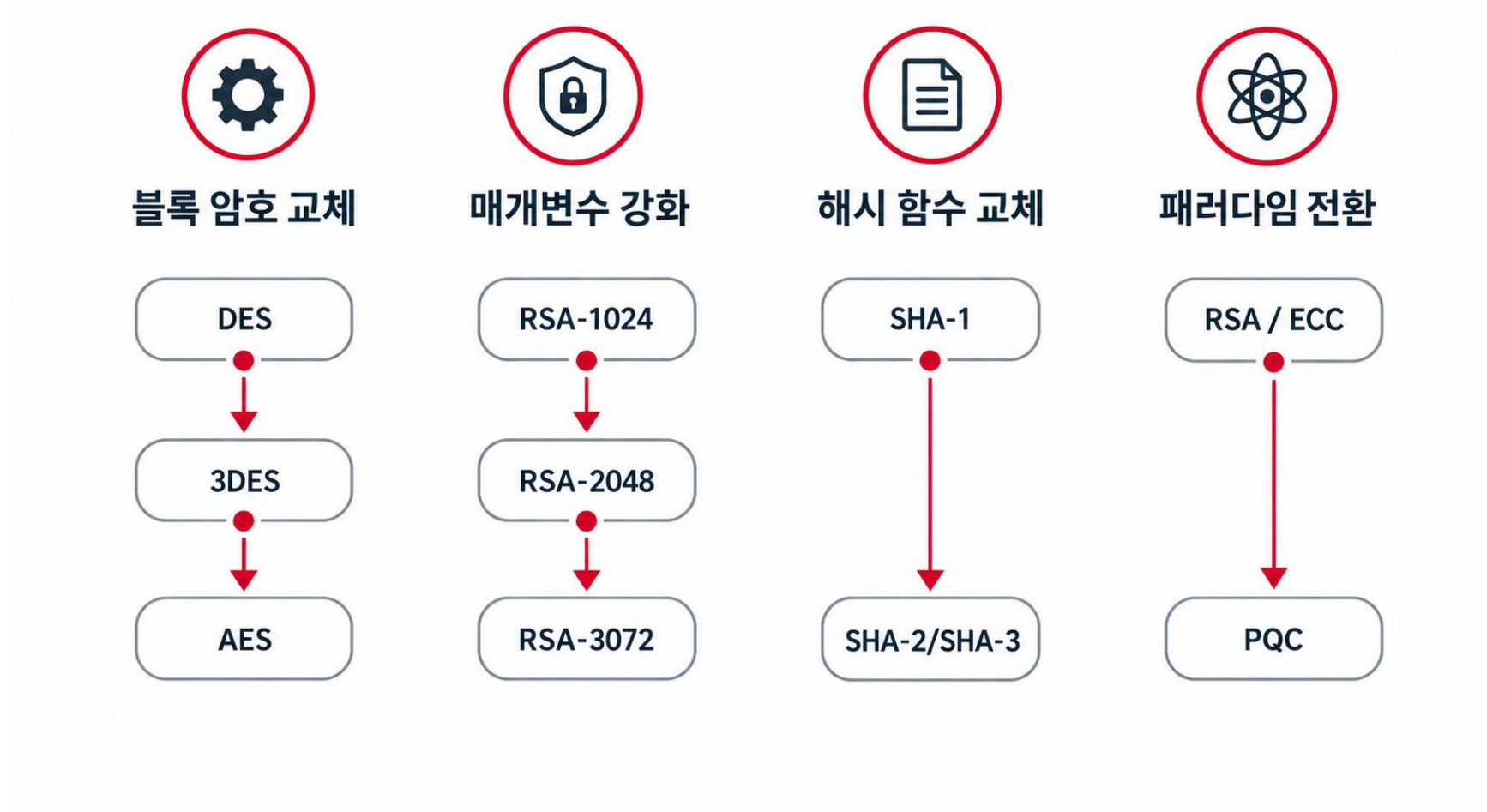
Anthropic A.I. Model Finds Flaws in Tough-to-Crack Encryption Algorithms

Claude Mythos Preview discovered new attacks in testing against weakened cryptographic algorithms, which protect online financial transactions, private communications and more.

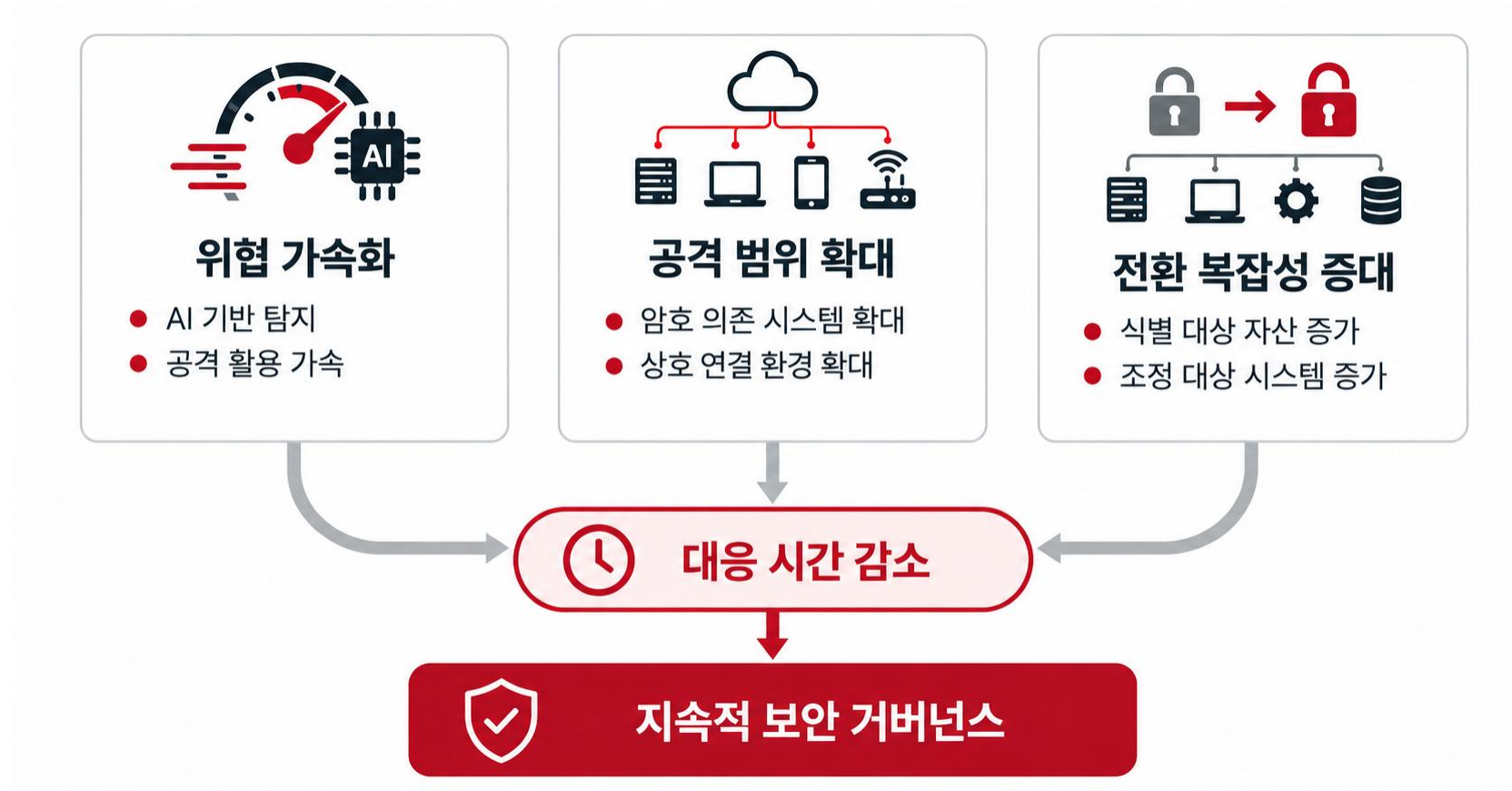
A Long History of Security Threats



A Long History of Cryptographic Transitions



The Acceleration of Change



2

PQC 전환의 과제



Cryptographic Asset Visibility

You cannot migrate what you cannot see.



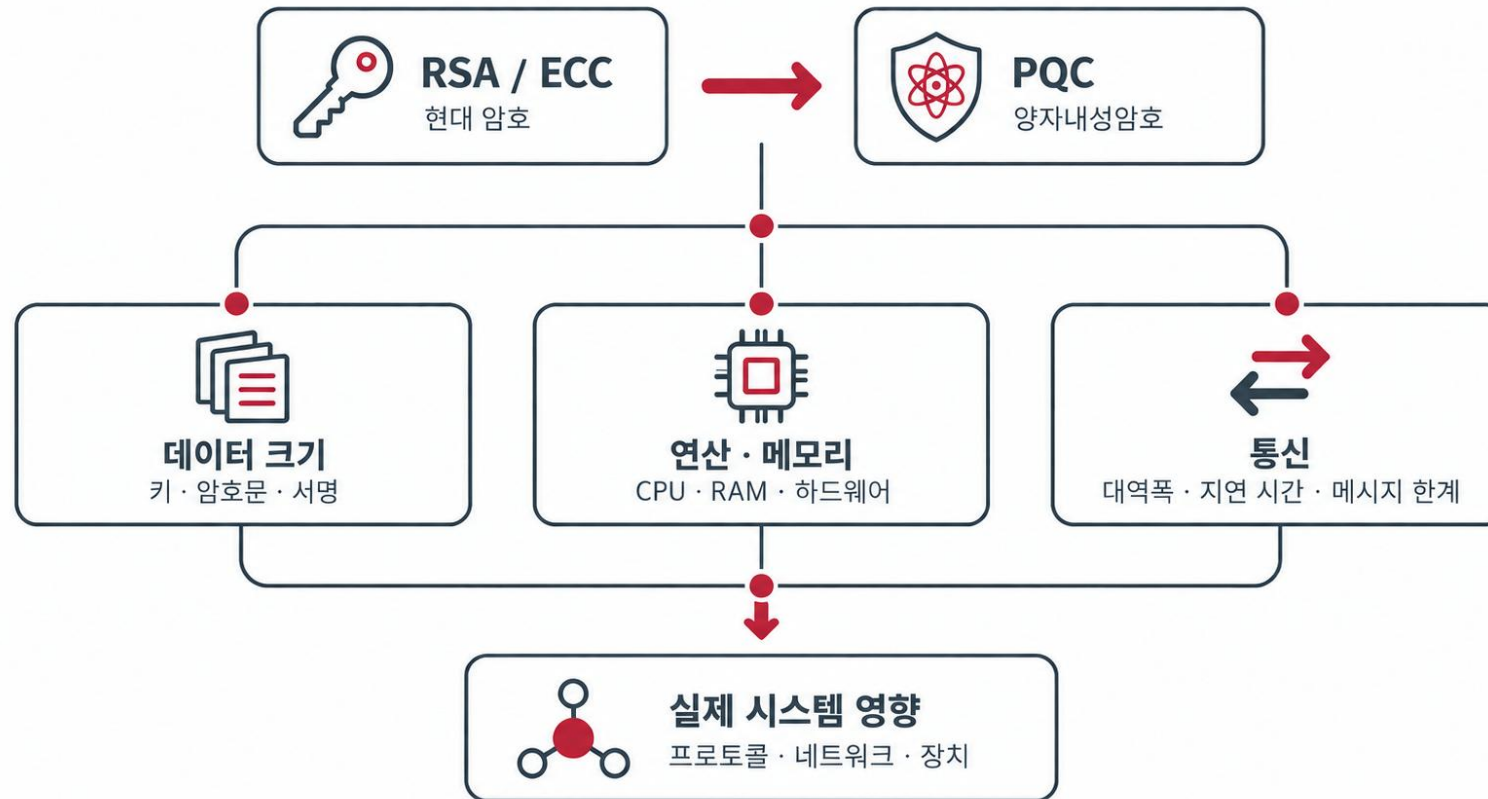
Cryptographic Rigidity

Knowing what to change does not mean you can change it.



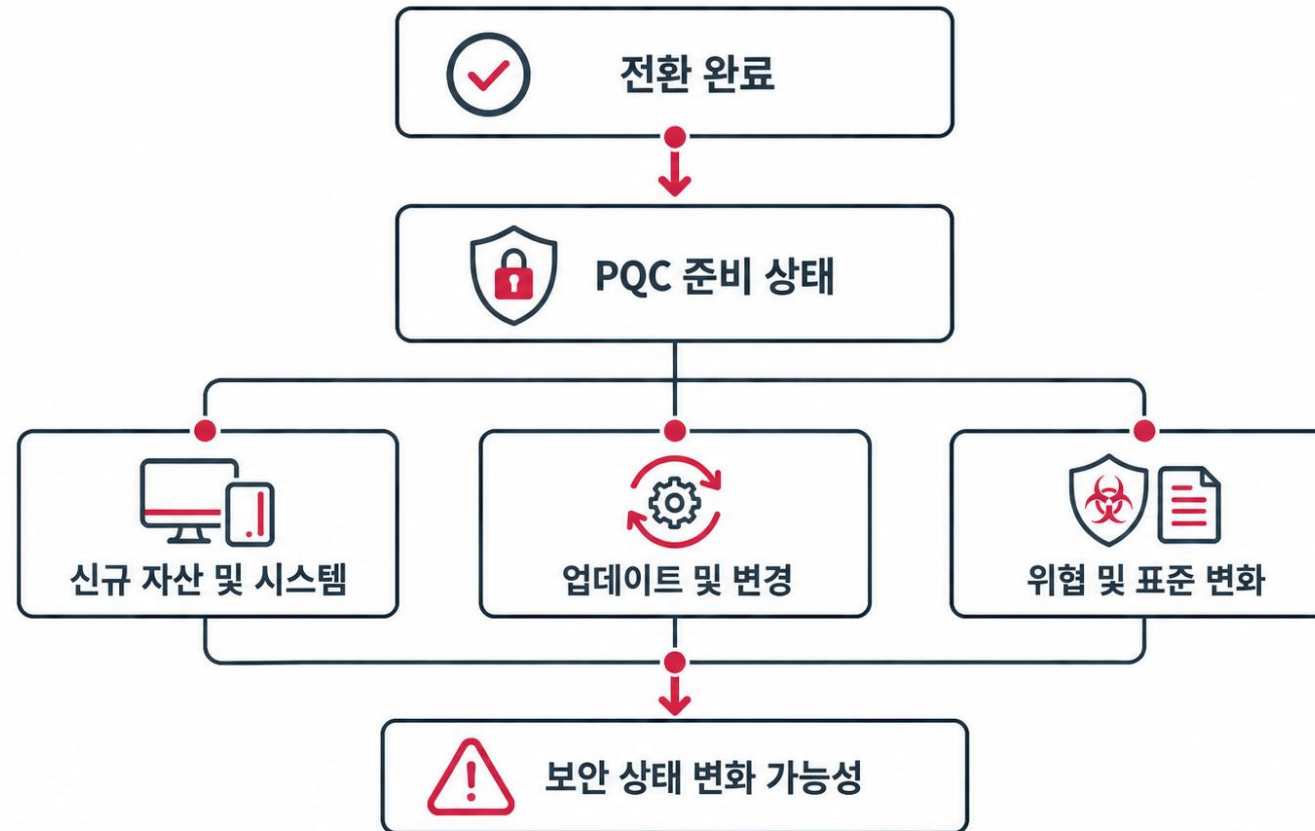
Performance and Resource Impacts

PQC is not a drop-in replacement.



Post-Migration Assurance

Migration can be complete. Assurance cannot.



3

PQC 전환 대응 전략



Cryptographic Inventory

Visibility begins with knowing what you have and where it is used.



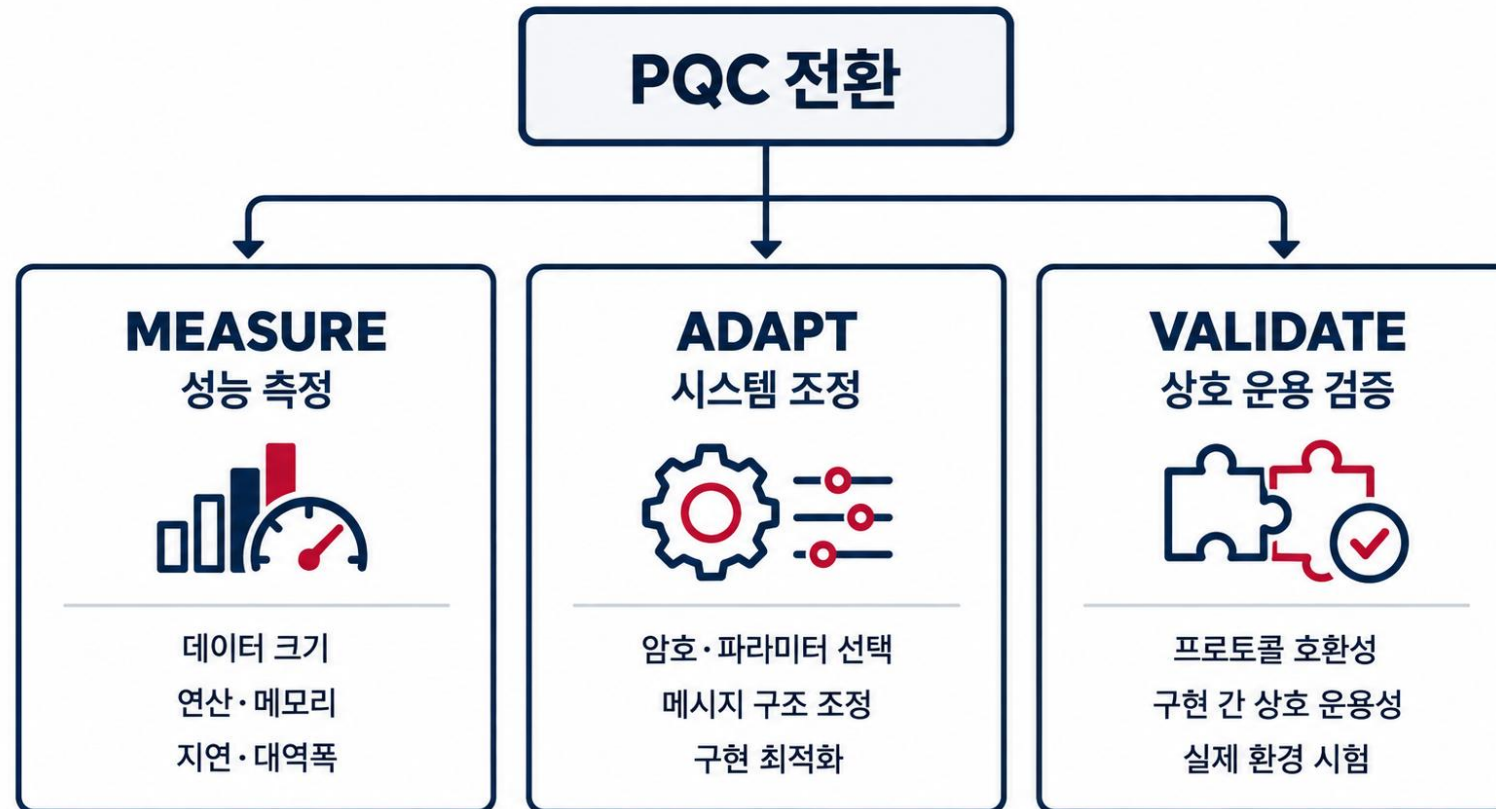
Crypto Agility

Design for cryptographic change before change becomes urgent.



Performance and Interoperability Engineering

Migration must work in real systems, not just on paper.



Continuous Assurance and Governance

Cryptographic security requires continuous verification and ownership.

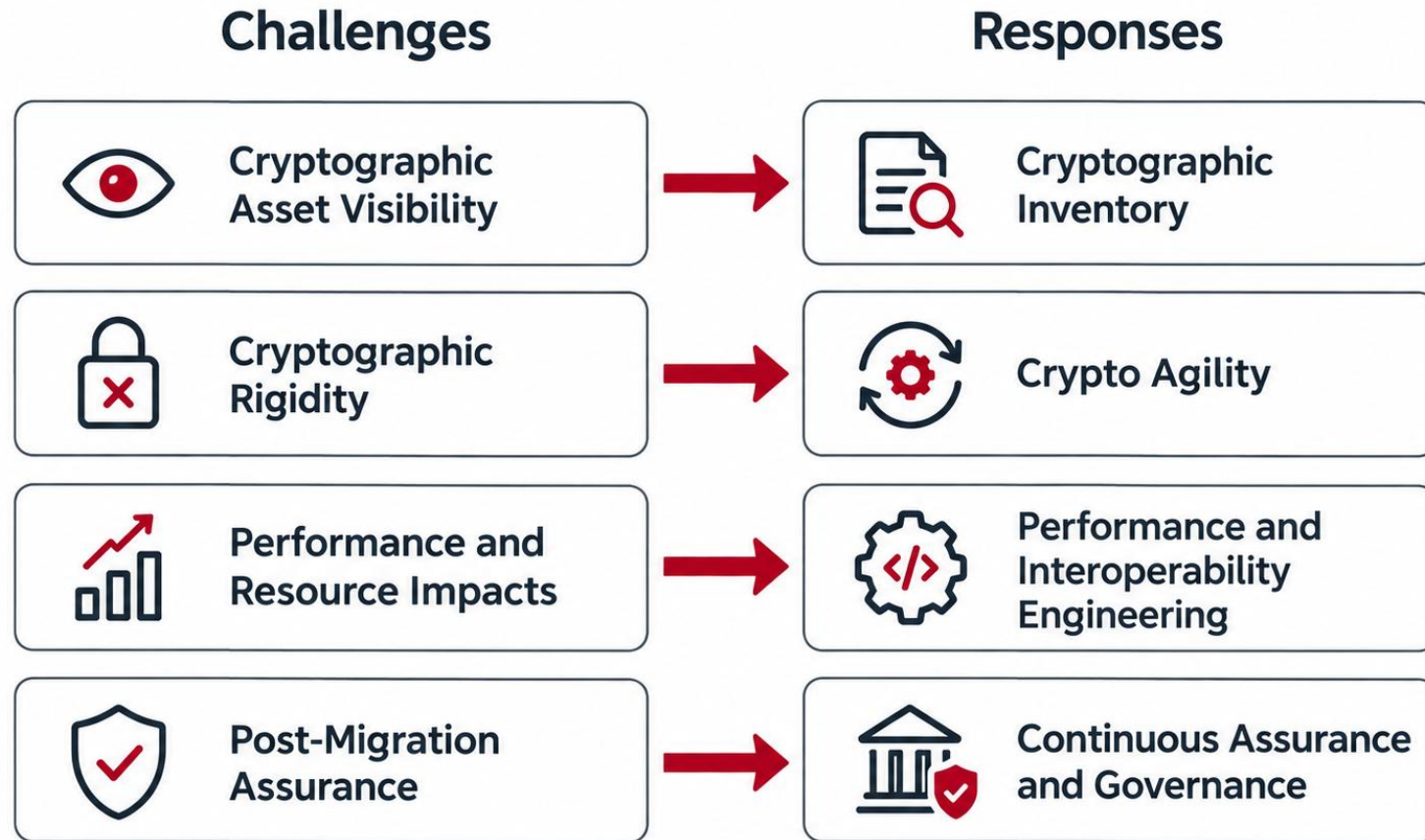


4

결론

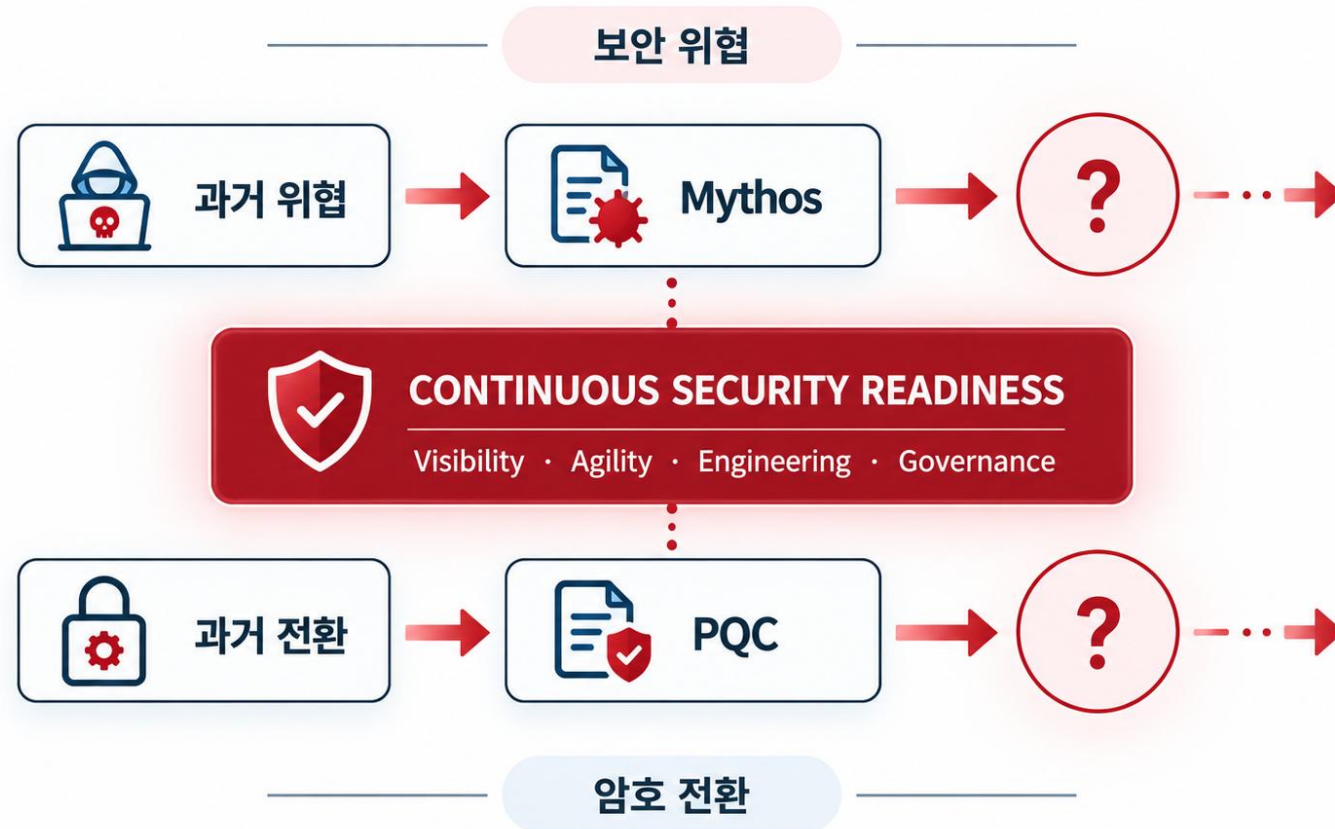


Summary



Preparing for the Next Change

Mythos will not be the last threat. PQC will not be the last transition.



감사합니다

droh@sejong.ac.kr