

TERASU ALGORITHM: SECURITY

We are high-speed, cost-friendly, and environmentally friendly. This is because we are explicitly built to speed up transactions with almost zero transaction fee. We use a power efficient algorithm hash, NIST5 which is a winning algorithm of the US National Institute.

Security is another very important point on which today's world stands. We chose to use NIST5 as our hashing algorithm, because it has been proven to be more secure and power-efficient than other leading algorithms. It is an exhaustive set of guidelines for how organizations can prevent, detect, and respond to cyberattacks.

NIST5 was originally aimed at industries essential to economic and national security such as banking, defence, commerce, and communications.

However, a wide variety of organizations in all industries have since adopted it, including Terasu Coin- for us, safety is of paramount importance.

We chose to use NIST5 as our hashing algorithm as it has been proven to be more secure and power-efficient than other leading algorithms. It is a combination of the finalists and winner of the US National Institute of Standards and Technology Hash Function Competition (viz. BLAKE, Grøstl, JH, Keccak/SHA-3, and Skein).