										TLS handshake in HTTPS  Signal Double Ratchet protocol  OpenVPN/IPsec VPNs  SSH session setup  WhatsApp secure messaging								
	Boardinix		Boardinit		Boardmit		Boardmit		Boardmit	1. Key Exchange Primitives  PAKE (Password Authenticated Key Exchange)  PAKE (Password Authenticated Key Exchange)  Microsoft OPAQUE password protocol  Banking & fintech PIN login  Secure SaaS logins  Google Chrome PQ hybrid TLS (Kyber)  Cloudflare PQ handshake testing	Boardmit		Boardmix		Boardmit		Boardmit	
Boardhrit		Boardmit		Boardinit		Boardrint		Boardrait		Post-Quantum Key Exchange  IBM PQ-safe VPN research  Microsoft SIDH demos  NIST PQC adoption (TLS/5G)  DocuSign / Adobe Sign contracts  SSL/TLS certificates  Git commit signing (GPG)		Boardinit		Boardinit		Boardmit		Boardmit
	Boardmit		Boardmit		Boardrint		Boardmit		Boardmit	Mobile app signing (App/Play Store)  Blockchain transactions  Consortium blockchain approvals  Smart city IoT authentication  E-voting systems  Anonymous corporate surveys  GDPR-compliant access logs	Boardmit		Boardmit		Boardmit		Boardreit	
Boardinit		Boardinit		Boardinit		Boardmit		Boardrait		Monero transactions  Whistleblower protection  Group document endorsements  Anonymous donations  Decentralized identity pilots  Chaum's e-cash (DigiCash)  Idemix anonymous credentials		Boardinit		Boardmit		Boardinit		Boardmit
	Boardmit		Boardinit		Boardmit		Boardmit		Boardmit	Blind Signatures  Anonymous transit cards  Privacy-preserving e-vote trials  University exam grading  Firebloc. : c ypto custody  BitGo multi-sig wallets  Nuclear launch controls  Corporate treasury approval	Boardmit		Boardrait		Boardmit		Boardmit	
Boardinit		Boardinit		Boardinit				Boardinit		DAO shared governance  Dilithium (NIST PQ standard)  Falcon (IoT signatures)  SPHINCS+ (PQ hash-based)  IBM PQ-safe signing demos  Cloudflare PQ DNSSEC		Boardinit		Boardinit		Boardinit		Boardmit
	Boardinit		Boardhrit		Boardmix		Boardmit			Cloudflare PQ DNSSEC  Tornado Cash (Ethereum)  Wasabi Wallet (Bitcoin)  Samurai Whirlpool ChipMixer Research-grade mixnets  Wasabi/ Samurai Wallet Whirlpool JoinMarket	Boardinit		Boardmit		Boardinit		Boardinix	
Boardhul,		Boardini		Boardir		Boardimi		Boardin		Blockstream Liquid Collaborative DeFi payments  Bitcoin wallet swaps  Multi-hop DEXs Lightning swaps  Trustless swaps Unlinkable payment research Dash PrivateSend Bitcoin/Ethereum shuffling prototypes Research unlinkable py → cols Grin cryptocurrency  MimbleWimble adoption		Boardin		Boardiral		Boardiral		Boardhui
	Boardin.		Boardin		Boardin		Boardin		Boardin	Dash PrivateSend Bitcoin/Ethereum shuffling prototypes Research unlinkable protocols  Grin cryptocurrency  Dandelion Protocol  MimbleWimble adoption  loT privacy propagation	Boarding		Boardin		Boardin		Boarding	
Boardill		Boardill		Boardill.		Boardill		Boardill	with the state of	ZKCP (Zero-Knowledge Contingent Payment)  DRM-free software licensing Digital asset markets  Zcash shielded transactions  Tornado Cash mixers  Aztec protocol (DeFi)  Ethereum compliance proofs		Boardin		Boat grant and a second		Boat grant and a second		Board
	Boako.	Arrit Arrit	Boak O.		Boako.		Boako.		Boatio.	Ethereum compliance proofs  NFT verification  StarkWare rollups  ImmutableX NFT  DeFi scaling  zk-bridges  Monero confidential transactions  DeFi protocols (Balancer, Aave)	Boaro		Boako.		Boak O.		Boako.	
Boake	. Arrit	Boake	A de la companya del companya de la companya de la companya del companya de la companya del companya de la companya de la companya de la companya de la companya del companya de la companya della companya de la companya de la companya della compan	Boaker Boaker	. drit	Boake	Arrit de la company de la comp	Boake.	Pata Privacy Primitives and Applications	Bulletproofs  Confidential assets  Zether (private Ethereum contracts)  zkSync payments  Loopring DEX  zk-Rollups  Polygon zkEVM  ConsenSys Linea	ARIT ARIT ARIT ARIT ARIT ARIT ARIT ARIT	Boatco.	. Amit	Boake	. Arrit	Boak C	. drit	Boarc
a de la companya del companya de la companya de la companya del companya de la companya del companya de la companya de la companya de la companya de la companya del companya de la companya della companya de la companya de la companya della compan	Boar Boar	of Arrival	Boar	of diffit	Boal Boal	A SKRIT	Boat Boat	a de la companya della companya dell	BOAT BOAT	Private Ethereum L2 scaling  Bitcoin-Ethereum atomic swaps  Cross-chain bridges  Escrowless marketplaces  DEX settlement  TLS session keys  JWT/API token generation	Boal	of drift	Boat	drit	Bogs.	and the state of t	Boal	, drit
Book and the second sec	ardin'it	Book and the second sec	ALCHINA TO THE PARTY OF THE PAR	Book State of the	and the state of t	Book	al drit	Book State of the Control of the Con		DAuth2 sessions  VPN keys  Cryptographic lotteries  Microsoft OPAQUE protocol  Apple Private Relay  Ad matching PSI  Secure password handling  Algorand blockchain  Polkadot auctions  VRF (Verifiable Random Function)  VRF (Verifiable Random Function)	ard Mith	Book and the second sec	akdinit t	Book	ard mit	Book and the second sec	ard Mit	Book State of the
and the state of t		ardinit		and the state of t	Boc	ardrit	BOC	ak dirik		Secure password handling  Algorand blockchain  Polkadot auctions  Chainlink RNG  Random beacons  AES in BitLocker, VeraCrypt  ChaCha20 in TLS		and the state of t		ardrit		ardinit		aldhit
	20 ardrait		20ardhit		20 ardrait		20 ardinit		agaidinit	Symmetric Encryption  FileVault (MacOS)  WhatsApp/Signal E2E encryption  RSA/ECC in HTTPS  PGP/GPG email  SSH authentication  Blockchain wallets  Microsoft SEAL (health analytics)	20 ardinit		20ardmit		20 ard Mit		202KdKnit	
Boardinit		Boardmit		Boaldkit		Boardmit		Boardreit		Homomorphic Encryption  Genome studies  Google encrypted ML  Healthcare access  Attribute-Based Encryption (ABE)  Military systems  Cloud file sharing		Boaldmit		Boardmit		Boardmit		Boardhit
	Boardmit		Boardmit		Boardmit		Boardmit		Boardinit	Functional Encryption  Secure Al inference Policy-based cloud access  Enterprise email Identity-Based Encryption (IBE)  Boneh-Franklin pilots Secure messaging  ProtonDrive search  CipherCloud	Boardinit		Boardmix		Boardmit		Boardmit	
Boardmit		Boardmit		Boaldkit		Boardmit		Boardreit		Minimo oft prototypes  Tor (WikiLeaks, SecureDrop)  I2P darknet sharing  VPNs (ProtonVPN, NordVPN)  Mixnets (Loopix, Nym)  Mixers (Tornado Cash, Wasabi)		Boaldmit		Boardmit		Boardinit		Boardmit
	Boardmix		Boardmit		Boardmit		Boardmit		Boaldmit	7. Anonymity Techniques (5 Levels)  Transaction-Level  RingCT (Monero) Stealth Addresses  Group signatures (e-voting) Ring signatures (Monero, whistleblower) Blind signatures (e-cash) Threshold signatures (custody)	Boardinit		Boardmit		Boardmit		Boardmit	
Boardmit		Boardmit		Boaldkiit		Boardrait		Boardrait		Function-Level OPRF (iCloud Private Relay) PSI (ad privacy)  ZKPs (zkLogin) MPC (Coinbase custody) Homomorphic AI (medical) Secure messaging (Signal, Ricochet)		Boaldkit		Boardinit		Boardinit		Boardinit
	Boardmit		Boardmit		Boardrait		Boardrift		Boardrift	OnionShare file sharing  Data-in-Transit: HTTPS, TLS, QUIC  Data-at-Rest: BitLocker, FileVault, MySQL TDE  Data-in-Use: Intel SGX, AMD SEV  Secure Cloud Storage: Tresorit, ProtonDrive, Boxcryptor  Confidential Transactions: Monero, Liquid Network	Boaldhit		Boardmit		Boardmit		Boardmit	
										Differential Privacy: Apple iOS, Google Maps, US Census Federated Learning: Google Gboard  Financial Privacy: Monero, Zcash, Tornado Cash  Decentralized Identity: Sovrin SSI, Microsoft Entra, W3C DIDs								