## FAIR Package Manager

Securing WordPress at scale



#### KARIM MARUCCHI

- Entrepeneur
- Digital Business Strategist
- Professional Service Teams Strategist
- Unconventional Growth & Strategic M&A

#### **Selected Board Seats:**











#### 30 Years of Building Enterprise Digital Solutions:

























































#### JOOST DE VALK



- Entrepeneur
- Investor
- Developer
- Marketer





Board of & investor in:





Investor in:



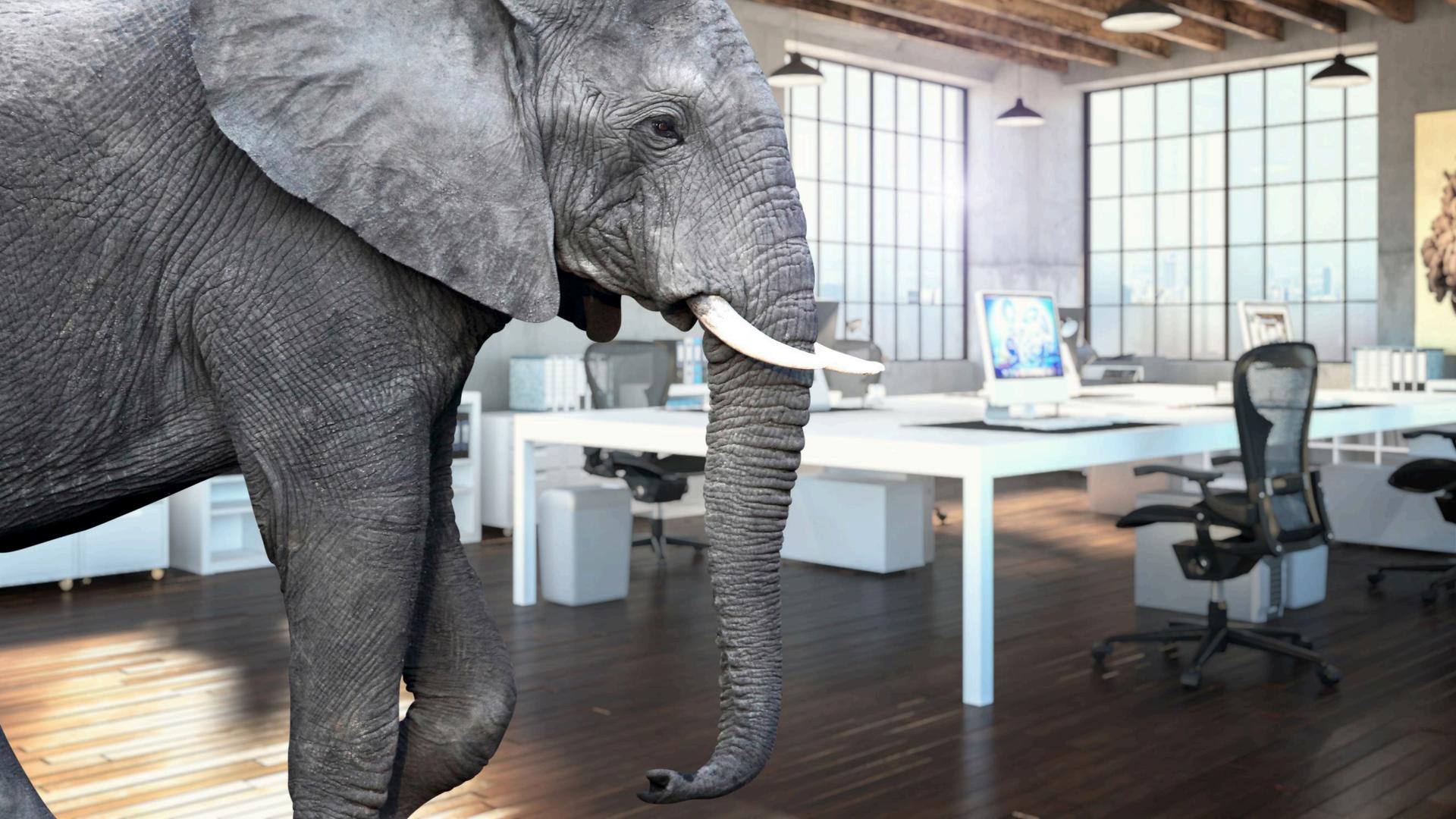








Federated And Independent Repositories







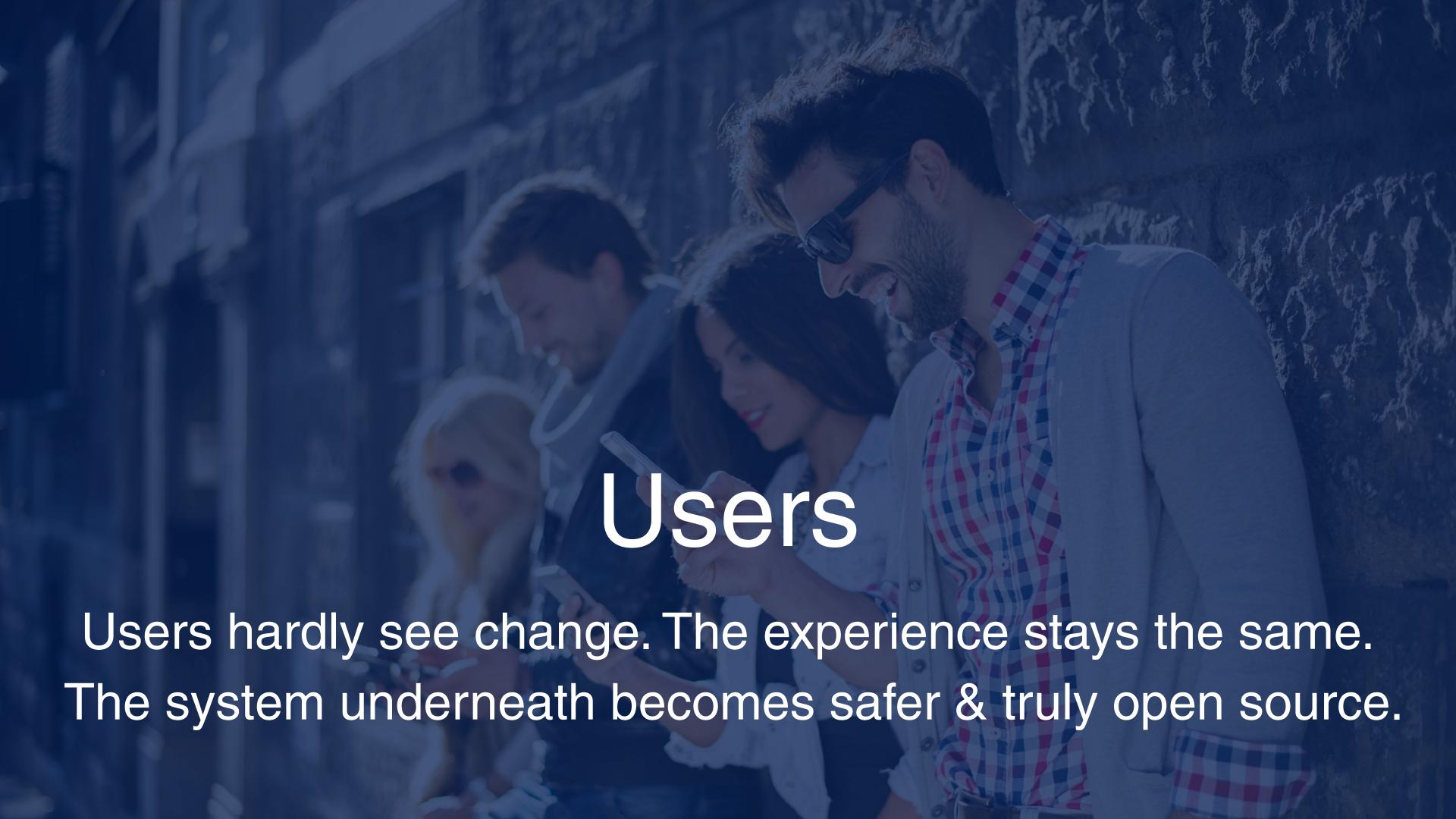
## Developers

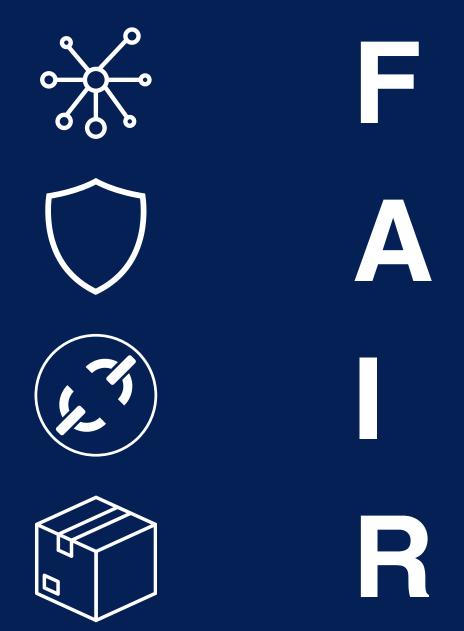
For developers, FAIR provides one consistent update mechanism and real choices in distribution.



## Enterprise & government

For enterprises and governments, FAIR provides internal distribution options, restricted plugin catalogs, and zero outbound data flow.





Federated And Independent Repositories

A decentralized and verifiable package network for WordPress and any other open source project.







Every WordPress site depends on WordPress.org for installs and updates.

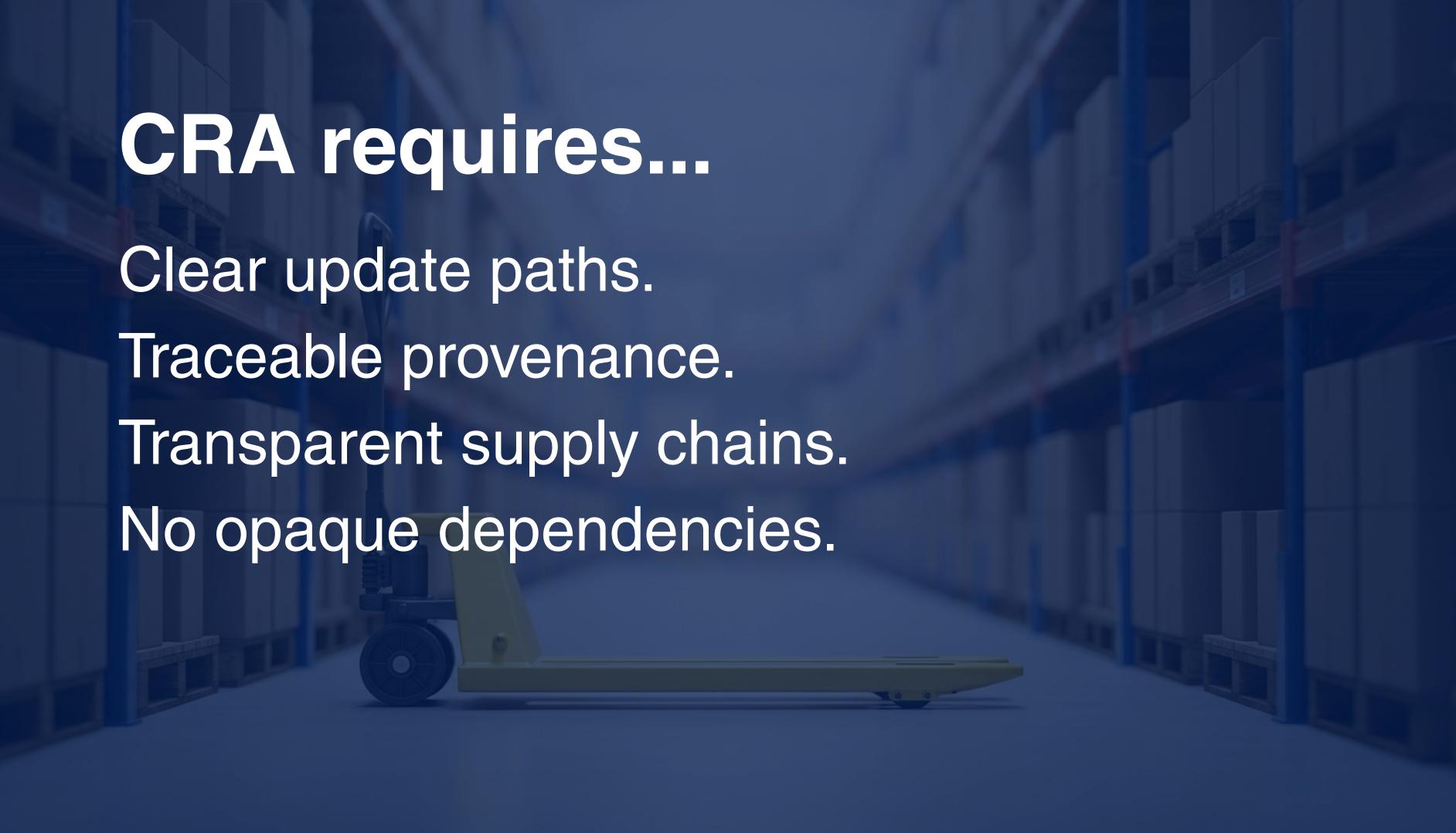




### The CRA changes everything



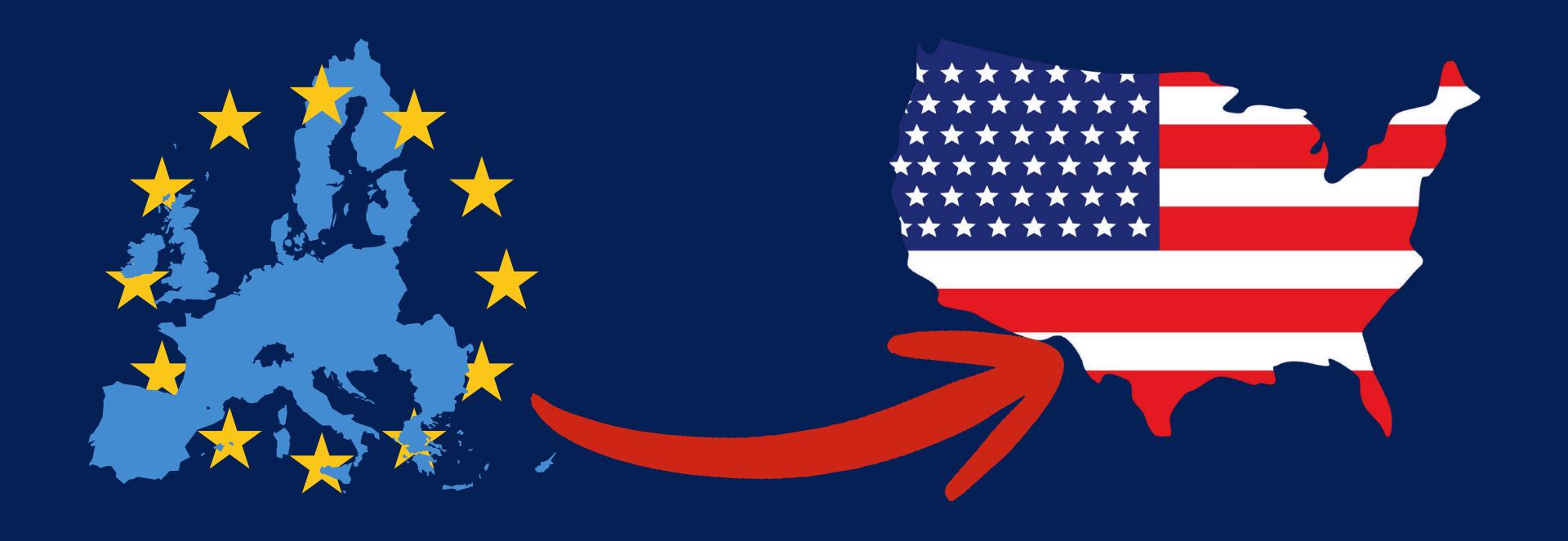
The EU Cyber
Resilience Act forces
stronger control over
software supply chains.





You cannot comply when your updates come from an *external* system with *opaque control* and that cannot be *audited*.



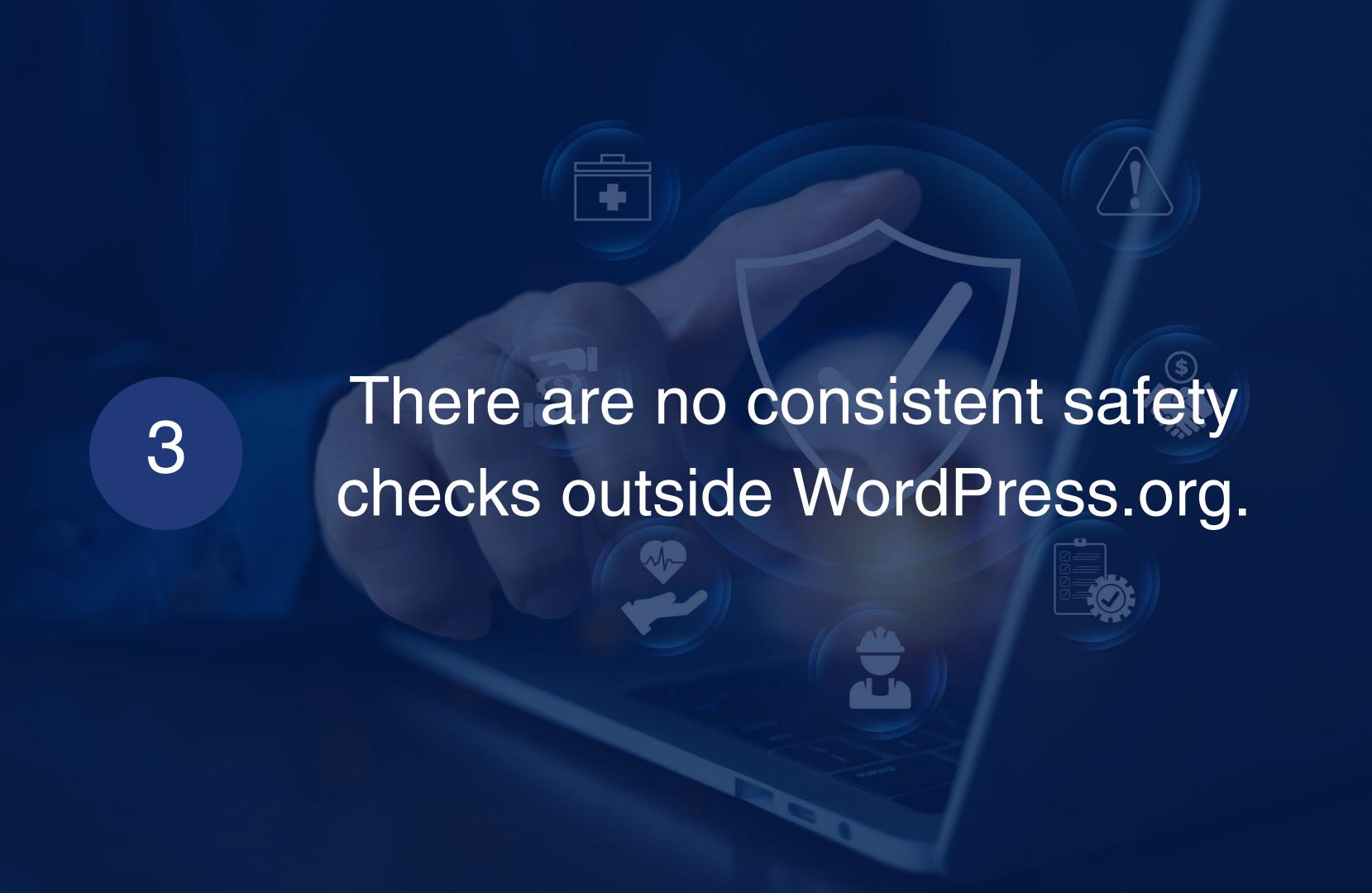


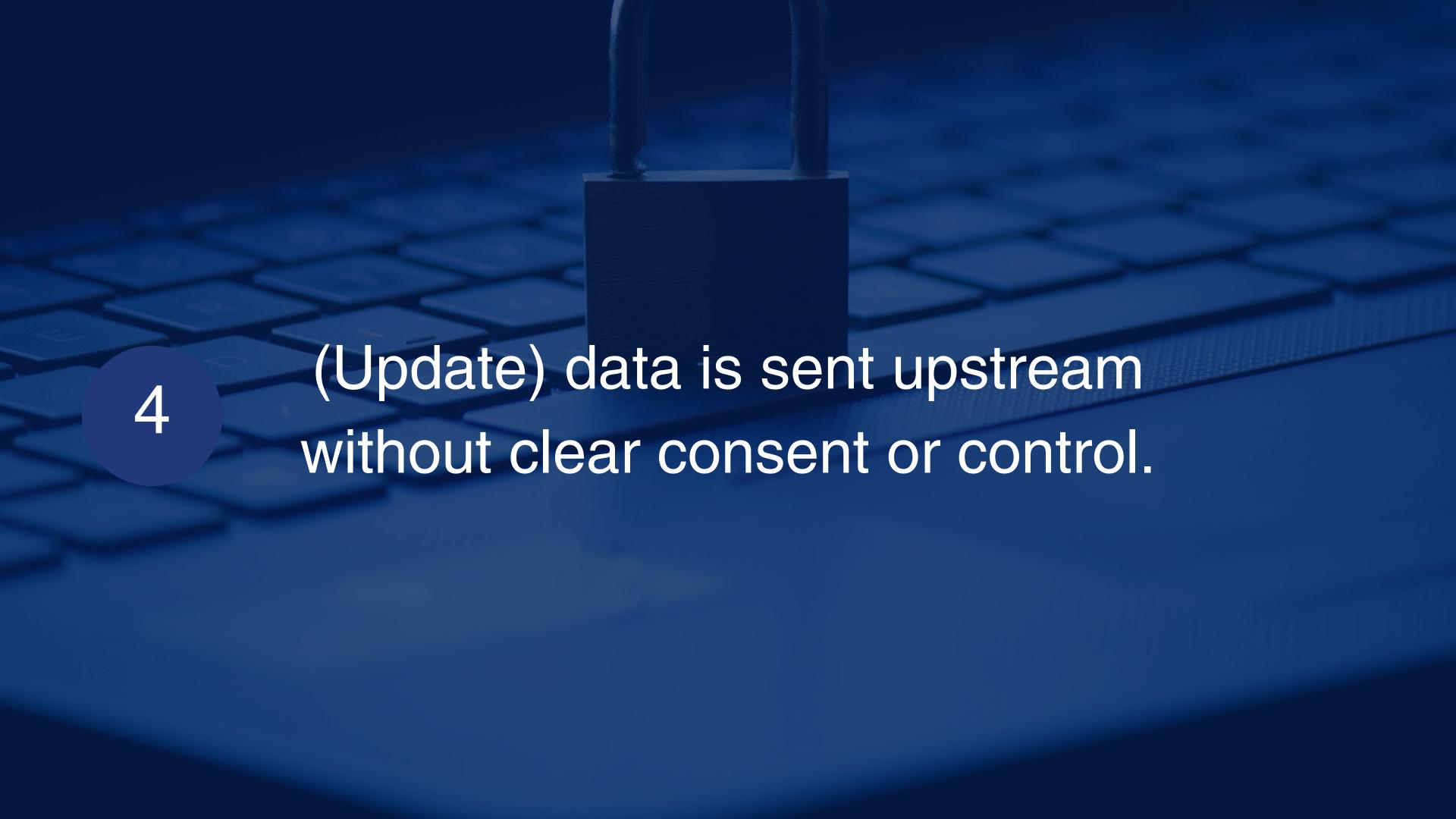
WordPress update checks send data to WordPress.org and (US based) Automattic. Blocking this breaks updates.

# The current plugin distribution model has at least five major flaws.





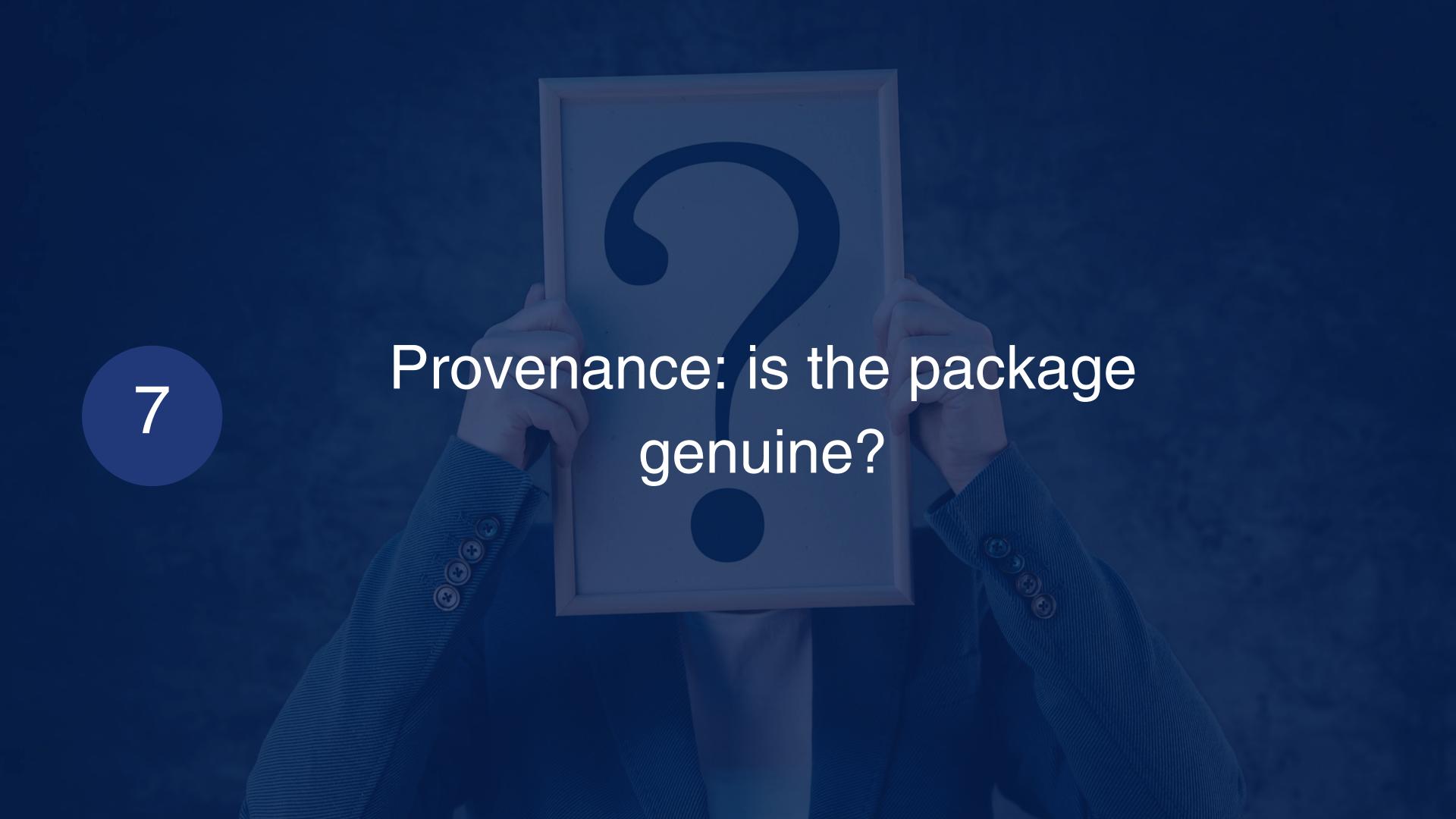




Three **new** challenges come with decentralization.



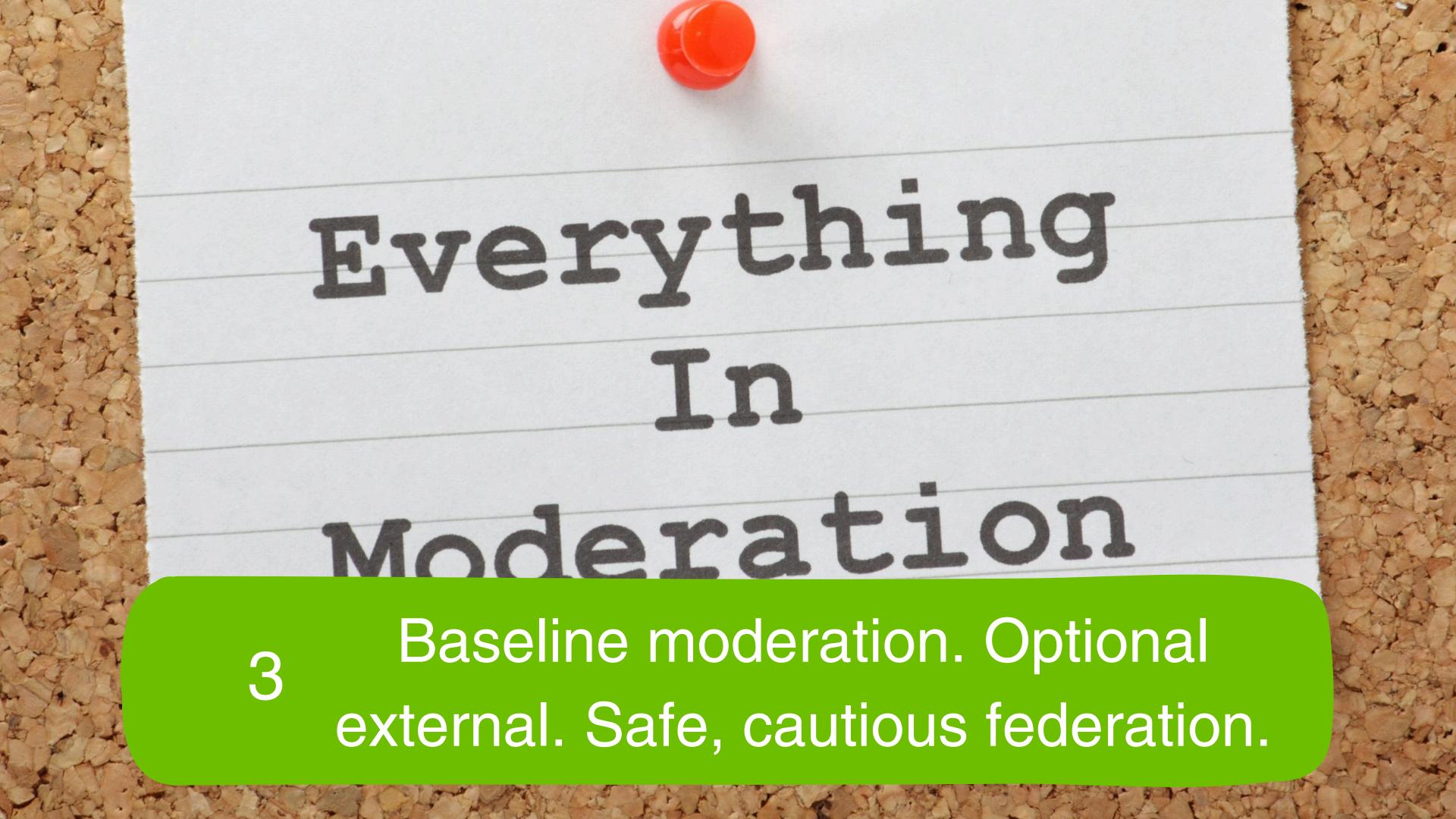








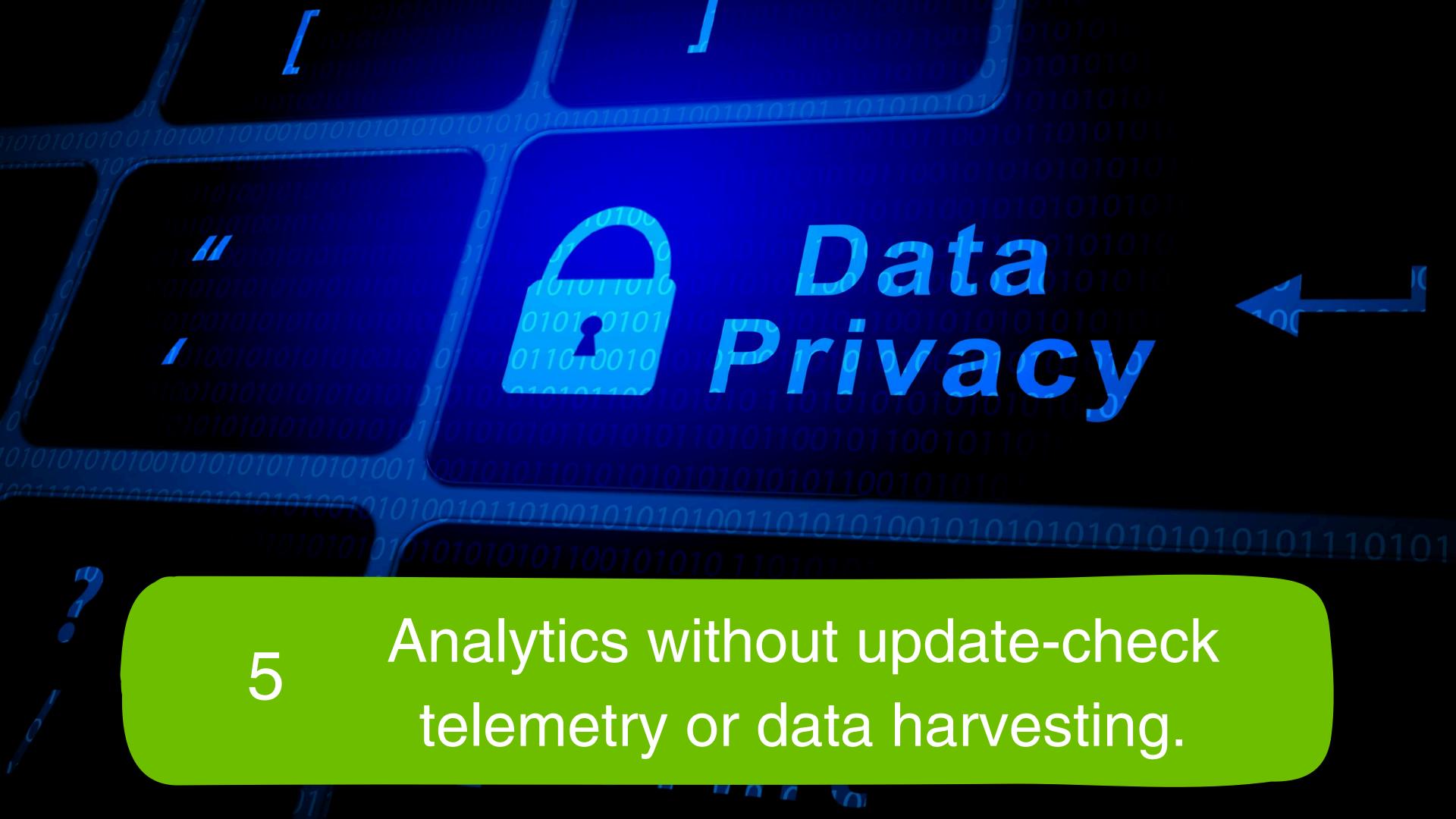






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Domainname validation Globally unique IDs.



## Components of FAIR



## FAIR Beacon

Distribute your plugin or theme through FAIR.





## FAIR Explorer

A public directory of all FAIR-indexed packages.

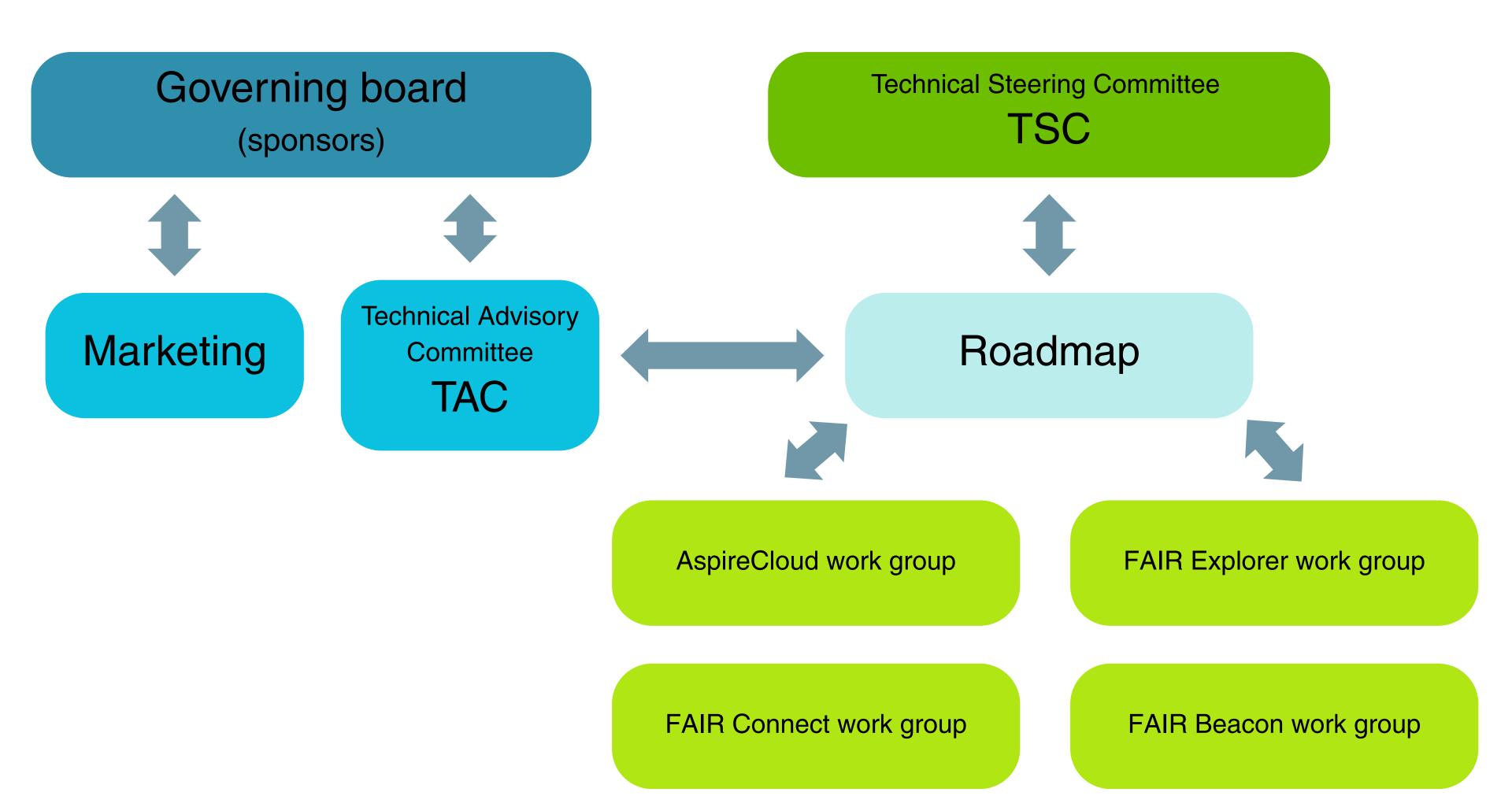














## JOIN US

Web: fair.pm

Slack: chat.fair.pm

GitHub: github.com/fairpm