Value Chain Security

What is a Value Chain?
The end-to-end lifecycle for hardware, software or services that deliver value.

What is Cisco’s Value Chain?
The 3rd party ecosystem supporting the lifecycle of Cisco solutions.

Value Chain Stages

Design → Plan → Source → Make → Quality → Deliver → Sustain → End of Life

Value Chain Threats
- Manipulation
- Espionage
- Disruption

Value Chain Exposures
- Counterfeit
- IP Misuse/Information Security Breach
- Taint

The RIGHT SECURITY in the RIGHT PLACE at the RIGHT TIME

Logical Security
- Secure development lifecycle
- Scrap weight validation
- Role-based access

Security Technologies
- Encryption
- Smart chips
- Data-extracting test beds

Physical Security Practices
- Camera monitoring
- Security checkpoints
- Electronic or biometric access control
Cisco Value Chain Security encompasses our entire 3rd PARTY ECOSYSTEM.

**DESIGN**
- OEMs
- ODMs /JDMs
- 3rd Party Software Licensors
- Open Source Software
- Cloud Service Providers

**MAKE**
- OEMs
- ODMs
- 3rd Party Software Licensors
- Open Source Software
- Cloud Service Providers

**SOURCE**
- Manufacturing Partners
- ODMs
- Repair Partners
- Refurbishment Partners
- Cloud Service Providers

**PLAN**
- In-house

**QUALITY**
- All 3rd party Participants

**END OF LIFE**
- Scrap Partners
- Recycling Partners

**SUSTAIN**
- Technical Support Partners
- Repair Services Partners
- Depot Partners
- Cloud Service Providers

**DELIVER**
- Logistics Partners
- Channel Partners
- Distributors
- Services Logistics Partners
- Refurbishment Partners

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