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- Local blockchain can be
 - Fully private
 - Managed by a local manager (e.g. gateway)
 - Does not require consensus mechanisms
 - Permissioned (or consortium blockchains)
- Public blockchain provides additional immutability guarantees to those provided by local blockchain
 - Fully private blockchain: guarantee = how much we trust manager
 - Consortium blockchain: guarantees depend on consensus mechanism





- SW updates
- Device/appliance compliance, maintenance, repair
- Device/network authentication
- Product provenance, asset tracking & ownership
- Storing data is different than storing currency transactions
 - relies solely on "proof of publication"
 - no currency transfer between local/public blockchain
 - no double spending problem









