# The Future: Embedded Compliance

**Today**
**Reactive**

* Post-trade monitoring

* Manual reporting

* Periodic audits

**Near-Term**
**Proactive**

* Real-time monitoring

* Auto-reporting

* Continuous controls
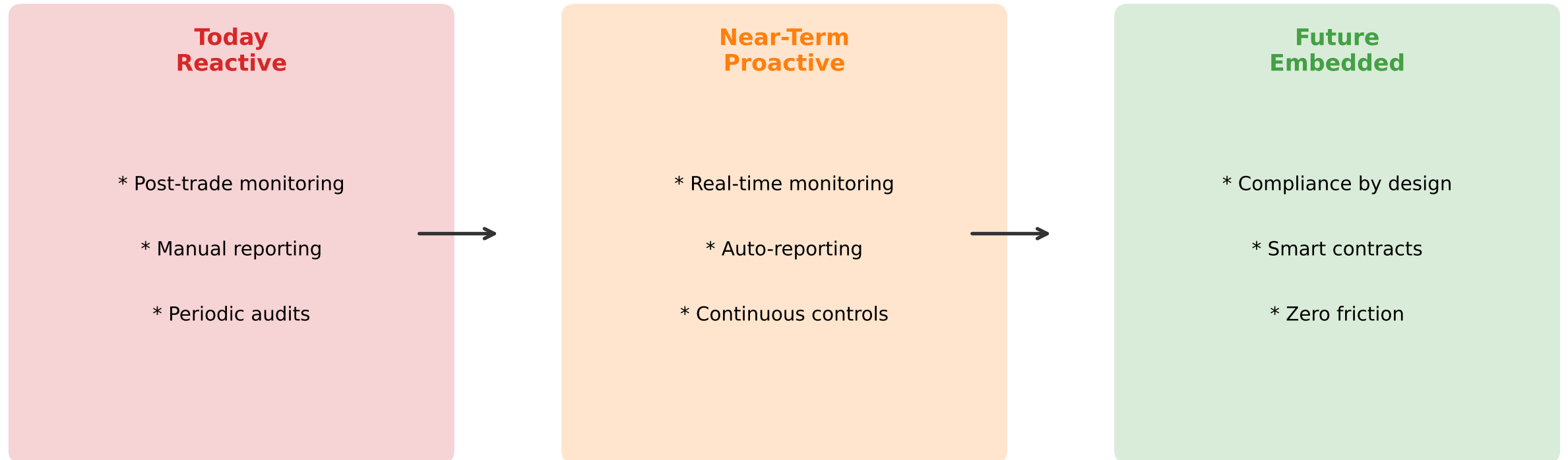
**Future**
**Embedded**

* Compliance by design

* Smart contracts

* Zero friction

Key Enablers:
- Machine-readable regulations (XBRL, RegML)
- API-first regulatory reporting
- Blockchain for immutable audit trails
- AI for interpretation & advice
- Regulatory nodes in DeFi

The Vision:
Compliance becomes invisible infrastructure
- Built into products from day one
- Automated, not checked
- Real-time, not periodic
- Cost: approaching zero marginal cost

[FORWARD-LOOKING ANALYSIS]