The Full List of Custom Smart Contract Types

Our team of expert smart contract engineers can build any smart contract you can imagine, from simple payment systems to complex governance structures. **We provide full-service smart contract development** with benefits which include 100% test coverage, thorough contract documentation, testnet and mainnet deployment, 24/7 email and Telegram support, weekly updates on the project progress, as well as a free code revision in case of any issues.

Take a look at our list of **over 60 supported custom smart contract types:**

1. **Token contracts:**
   a. **Short description:** Custom tokens with unique functionality and economics.
   b. **Costs:** $10,000 - $20,000
2. **NFT contracts:**
   a. **Short description:** Unique, provably scarce, and tradeable digital assets.
   b. **Costs:** $20,000 - $40,000
3. **Staking contracts:**
   a. **Short description:** Enable token holders to earn the rewards from participating in the protocol liquidity and/or security.
   b. **Estimated costs:** $10,000 - $30,000+
4. **Oracle contracts:**
   a. **Short description:** Access off-chain data to trigger smart contract actions.
   b. **Estimated costs:** $15,000 - $50,000+
5. **DEX contracts:**
   a. **Short description:** Decentralized exchange platforms for trading cryptocurrencies.
   b. **Estimated costs:** $30,000 - $100,000+
6. **Lending contracts:**
   a. **Short description:** Lending and borrowing protocols for cryptocurrencies.
   b. **Estimated costs:** $20,000 - $60,000+
7. **Metaverse contracts:**
   a. **Short description:** Smart contracts for virtual worlds, gaming, and NFTs.
   b. **Estimated costs:** $30,000 - $100,000+
8. **DeFi insurance contracts:**
   a. **Short description:** Decentralized insurance protocols for DeFi projects.

b. **Estimated costs:** $40,000 - $150,000+

9. <u>**DAO contracts:**</u>
   a. **Short description:** Decentralized autonomous organizations with custom governance rules.
   b. **Estimated costs:** $10,000 - $30,000+

10. <u>**Governance (voting) contracts:**</u>
    a. **Short description:** Enable token holders to vote on proposals and make decisions in a decentralized manner.
    b. **Estimated costs:** $10,000 - $30,000+

11. <u>**Digital identity contracts:**</u>
    a. **Short description:** Self-sovereign digital identities that can be verified and trusted.
    b. **Estimated costs:** $15,000 - $30,000+

12. <u>**Escrow contracts:**</u>
    a. **Short description:** Facilitate secure and automated transactions by holding funds in escrow until pre-determined conditions are met.
    b. **Estimated costs:** $10,000 - $20,000+

13. <u>**Logistics contracts:**</u>
    a. **Short description:** Automate supply chain management and logistics processes and make them more secure.
    b. **Estimated costs:** $20,000 - $50,000+

14. <u>**Gaming (GameFi) contracts:**</u>
    a. **Short description:** Smart contracts for gaming and play-to-earn platforms.
    b. **Estimated costs:** $30,000 - $100,000+

15. <u>**Supply chain contracts:**</u>
    a. **Short description:** Smart contracts which provide the end-to-end traceability and transparency for supply chains.
    b. **Estimated costs:** $30,000 - $100,000+

16. <u>**Crowdfunding contracts:**</u>
    a. **Short description:** Enable crowdfunding and fundraising campaigns in a decentralized and transparent way.
    b. **Estimated costs:** $20,000 - $50,000+

17. <u>**Public records (e.g. medical records, car ownership, real estate and land ownership) contracts:**</u>
    a. **Short description:** Securely manage and share public records in a decentralized and tamper-proof manner.
    b. **Estimated costs:** $40,000 - $100,000+

18. <u>**Investment contracts:**</u>

a. **Short description:** Smart contracts for creating various investment opportunities in decentralized finance (DeFi) protocols.
b. **Estimated costs:** $30,000 - $100,000+

19. **Prediction market contracts:**
    a. **Short description:** Decentralized prediction markets for real-world events.
    b. **Estimated costs:** $20,000 - $60,000+

20. **Data storage contracts:**
    a. **Short description:** Enable secure and decentralized storage of data.
    b. **Estimated costs:** $15,000 - $50,000+

21. **IP rights records contracts:**
    a. **Short description:** Decentralized intellectual property (IP) rights management systems.
    b. **Estimated costs:** $15,000 - $50,000+

22. **Utility contracts & libraries for developers:**
    a. **Short description:** Reusable smart contract utility functions and libraries for developers.
    b. **Estimated costs:** $10,000 - $30,000+

23. **Complex cryptography contracts:**
    a. **Short description:** Advanced cryptography protocols and secure multi-party computations.
    b. **Estimated costs:** $20,000 - $70,000+

24. **AI (artificial intelligence) and ML (machine learning) contracts:**
    a. **Short description:** Smart contracts that leverage machine learning models and data analysis.
    b. **Estimated costs:** $30,000 - $150,000+

25. **CDP (collateralized debt position, e.g. like MakerDAO) contracts:**
    a. **Short description:** Smart contracts that enable collateralized borrowing and lending of a token that is supported by those collateralized positions, e.g. a stablecoin like DAI.
    b. **Estimated costs:** $20,000 - $60,000+

26. **Derivatives (futures, options, etc.) contracts:**
    a. **Short description:** Smart contracts for derivatives trading on decentralized platforms.
    b. **Estimated costs:** $30,000 - $100,000+

27. **Synthetic and tokenized assets contracts:**
    a. **Short description:** Smart contracts for creating and trading synthetic and tokenized assets.
    b. **Estimated costs:** $30,000 - $100,000+

28. **Privacy-enabling contracts:**

a. **Short description:** Smart contracts with privacy-preserving features, such as zero-knowledge proofs.
   b. **Estimated costs:** $20,000 - $60,000+

29. **Bond contracts:**
   a. **Short description:** Smart contracts for issuing and trading bonds.
   b. **Estimated costs:** $20,000 - $50,000+

30. **Algorithmic stablecoin contracts:**
   a. **Short description:** Smart contracts for algorithmic stablecoins, such as Ampleforth (AMPL) or Frax (FRAX).
   b. **Estimated costs:** $30,000 - $100,000+

31. **Collateralized stablecoin (e.g. like DAI) contracts:**
   a. **Short description:** Smart contracts for collateralized stablecoins.
   b. **Estimated costs:** $20,000 - $60,000+

32. **Real world assets (RWA) contracts:**
   a. **Short description:** Smart contracts that enable the creation and trading of real-world assets on blockchain.
   b. **Estimated costs:** $30,000 - $100,000+

33. **Cross-chain communication contracts:**
   a. **Short description:** Smart contracts that enable communication between different blockchains.
   b. **Estimated costs:** $30,000 - $100,000+

34. **Gambling contracts:**
   a. **Short description:** Smart contracts for decentralized and transparent gambling applications.
   b. **Estimated costs:** $30,000 - $100,000+

35. **NFT fractionalization contracts:**
   a. **Short description:** Smart contracts that enable fractional ownership of non-fungible tokens (NFTs).
   b. **Estimated costs:** $20,000 - $60,000+

36. **Launchpad contracts:**
   a. **Short description:** Smart contracts that enable fundraising and launching of new crypto projects.
   b. **Estimated costs:** $20,000 - $60,000+

37. **Auctions contracts:**
   a. **Short description:** Decentralized auction platforms for the sale of goods or services, using common auction types, such as English or Dutch auction.
   b. **Estimated costs:** $20,000 - $50,000+

38. **NFT marketplace contracts:**

a. **Short description:** Decentralized marketplaces for buying and selling NFTs.
   b. **Estimated costs:** $30,000 - $100,000+
39. **Indices (e.g. index fund) contracts:**
   a. **Short description:** Smart contracts for tracking and investing into the index funds and diversified investment portfolios on-chain.
   b. **Estimated costs:** $20,000 - $50,000+
40. **Tokenized vaults (e.g. staking, yield farming and options vaults) contracts:**
   a. **Short description:** Smart contracts for tokenized vaults, where users can lock up tokens for various purposes (e.g. to earn yield or to boost their governance power).
   b. **Estimated costs:** $20,000 - $60,000+
41. **Multi-signature (multisig) wallet contracts:**
   a. **Short description:** Secure multisignature wallets for managing and distributing funds.
   b. **Estimated costs:** $10,000 - $30,000+
42. **Proxy upgradeable contracts:**
   a. **Short description:** Smart contracts whose logic can be updated after their initial deployment.
   b. **Estimated costs:** $15,000 - $30,000+
43. **Reserve currency contracts (e.g. like the Olympus DAO's OHM):**
   a. **Short description:** Decentralized reserve currencies that are backed by crypto assets.
   b. **Estimated costs:** $30,000 - $100,000+
44. **Yield aggregator contracts:**
   a. **Short description:** Smart contracts that automatically move funds to the highest-yielding opportunities in decentralized finance (DeFi) platforms.
   b. **Estimated costs:** $20,000 - $60,000+
45. **Flash loan contracts:**
   a. **Short description:** Smart contracts that enable flash loans, which are short-term, no-collateral loans that need to be repaid as a part of the same transaction for borrowing them.
   b. **Estimated costs:** $30,000 - $60,000+
46. **DEX trading bots contracts:**
   a. **Short description:** Smart contracts that allow for the creation and deployment of decentralized trading bots for use on decentralized exchanges (DEXs).
   b. **Estimated costs:** $30,000 - $100,000+
47. **Factory contracts for other contracts:**
   a. **Short description:** Smart contracts that can deploy other smart contracts.

  b. **Estimated costs:** $20,000 - $60,000+

48. **Payment contracts (e.g. mint revenue and royalty splitters, payment dispersers and payments streaming):**
  a. **Short description:** Smart contracts for payments and revenue-sharing mechanisms.
  b. **Estimated costs:** $10,000 - $30,000+

49. **Contracts or tokens with the whitelist/allowlist/blacklist functionality:**
  a. **Short description:** Contracts or tokens with the whitelist, allowlist, or blacklist features to manage access or participation.
  b. **Estimated costs:** $10,000 - $30,000+

50. **Real estate contracts:**
  a. **Short description:** Smart contracts for buying, selling, and leasing real estate on the blockchain.
  b. **Estimated costs:** $30,000 - $100,000+

51. **Estate contracts:**
  a. **Short description:** Smart contracts that facilitate the management of assets and properties, such as inheritance and trusts, on the blockchain.
  b. **Estimated costs:** $30,000 - $100,000+

52. **Energy contracts (e.g. carbon tokenization):**
  a. **Short description:** Smart contracts for carbon tokenization and other sustainable energy initiatives.
  b. **Estimated costs:** $20,000 - $60,000+

53. **HR contracts:**
  a. **Short description:** Smart contracts for managing human resources, including salaries and benefits.
  b. **Estimated costs:** $20,000 - $50,000+

54. **Company shares (e.g. cap table and startup equity) contracts:**
  a. **Short description:** Smart contracts for managing company shares and equity in startups and other companies.
  b. **Estimated costs:** $30,000 - $100,000+

55. **Charitable giving contracts:**
  a. **Short description:** Smart contracts for charitable giving and donations on blockchain.
  b. **Estimated costs:** $10,000 - $30,000+

56. **Domain name contracts:**
  a. **Short description:** Smart contracts for the buying, selling, and leasing of domain names.
  b. **Estimated costs:** $10,000 - $30,000+

57. **Subscription payments contracts:**
  a. **Short description:** Smart contracts for recurring subscription payments.

b. **Estimated costs:** $30,000 - $50,000+

58. **Mock contracts:**
    a. **Short description:** Test smart contracts to help simulate and test various scenarios and crypto assets, e.g. mock tokens and NFTs.
    b. **Estimated costs:** $5,000 - $15,000+

59. **Internal utility contracts:**
    a. **Short description:** Smart contracts for internal use by an organization, such as creating custom utility tokens.
    b. **Estimated costs:** $10,000 - $30,000+

60. **Faucet contracts:**
    a. **Short description:** Smart contracts for distributing small amounts of tokens for testing or promotional purposes.
    b. **Estimated costs:** $5,000 - $15,000+

61. **Vesting contracts (e.g. for DAO treasuries, team members and investors):**
    a. **Short description:** Smart contracts for vesting tokens over time or based on specific conditions.
    b. **Estimated costs:** $10,000 - $30,000+

62. **Treasury management contracts:**
    a. **Short description:** Smart contracts for managing treasury funds in the decentralized organizations or companies.
    b. **Estimated costs:** $20,000 - $60,000+

63. **Cybersecurity contracts:**
    a. **Short description:** Smart contracts that enhance the security of the blockchain protocol and protect against attacks.
    b. **Estimated costs:** $20,000 - $60,000+

64. **Multicall contracts:**
    a. **Short description:** Smart contracts that enable multiple functions to be called at once, reducing transaction costs and increasing efficiency.
    b. **Estimated costs:** $10,000 - $30,000+

65. **Timelock contracts:**
    a. **Short description:** Smart contracts that delay the execution of transactions until a specified time has elapsed or a certain condition has been met.
    b. **Estimated costs:** $10,000 - $30,000+

If you have a specific smart contract type in mind that's not on our list, please reach out to us directly via email at **contact@tokenflow.ai** or by scheduling a 30 minute FREE consultation call with us **here**. We love challenges and are always eager to help you out. **If you can imagine it, we can build it!**