



**Crypto**  
maniacs

# Smart Contract Security Audit Report

# Audit of PEAK token by CryptoManiacs

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## Authors:

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## Scope:

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- <https://etherscan.io/address/0x633eE3fbE5ffc05bD44Ecd8240732fF9ef9Dee1d#code>

## Summary:

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CryptoManiacs team performed security audit of PEAK token smart contract including automatic and manual source code analysis. Since most part of the smart contract source code belongs to audited and time proven OpenZeppelin Contracts library, we did comparison of library with original version and checked constructor arguments. Provided smart contract represents PEAK (MarketPeak) token on Ethereum Mainnet. Here is whole source code excluding library:

```
contract MBCT is ERC20, ERC20Detailed, ERC20Capped, ERC20Burnable {
    constructor(
        string memory name,
        string memory symbol,
        uint8 decimals,
        uint256 cap
    ) ERC20Detailed(name, symbol, decimals) ERC20Capped(cap) public {}
}
```

It uses [OpenZeppelin Contracts library v2.5.0 \(audit\)](#) and was deployed with the following constructor arguments:

```
string memory name      = "MarketPeak"
string memory symbol    = "PEAK"
uint8 decimals          = 8
uint256 cap             = 10000000000000000000
```

Which means token will have hard cap of 10,000,000,000 tokens with 34,981,683 supply minted on the date of the audit.

