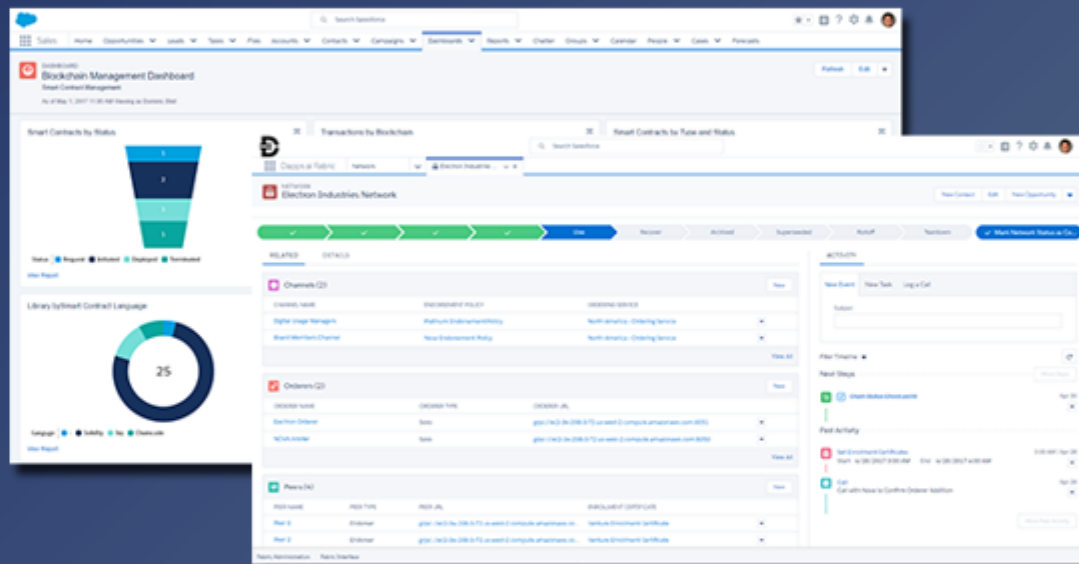


Blockchain Enabled Business Data Unification

Natively Built on the Salesforce Platform

Global Perspective with offices in San Francisco, California and Barcelona, Spain

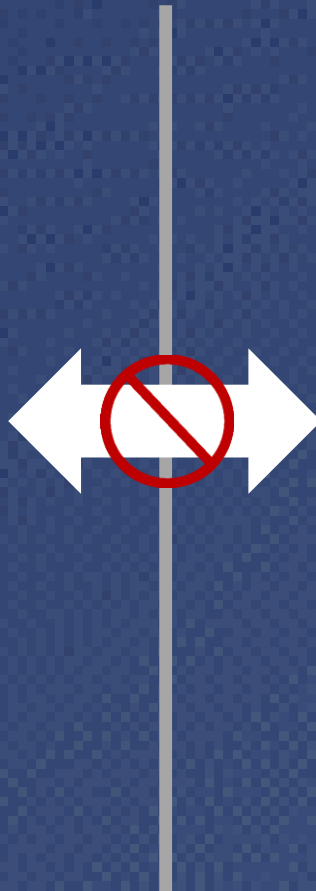


The Problem: Blockchain Disparity

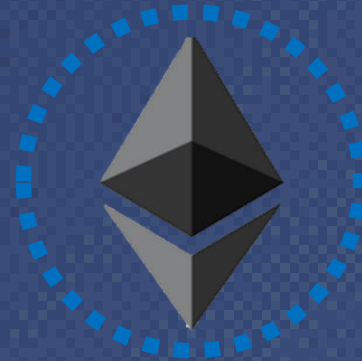
Multiple Chains exist for different purposes, without any management or access to organizational information

Organizational

- Business Processes
- Customers/Leads
- Data
- Contract Management
- Development Tools
- Deployment Status

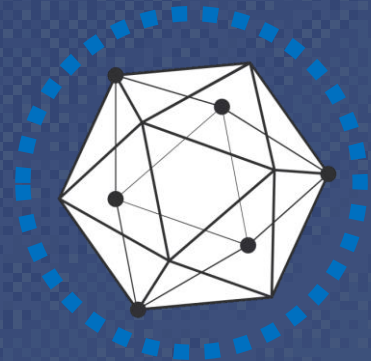


Ethereum



Chain

Hyperledger

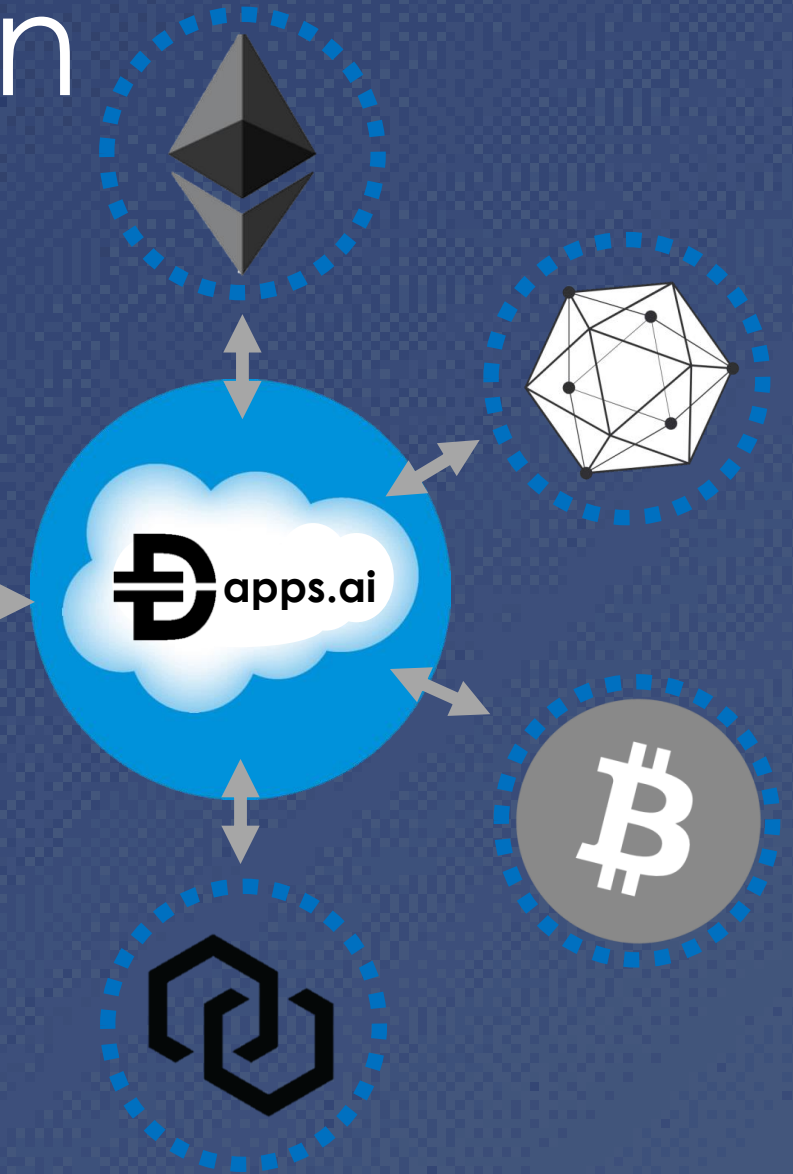
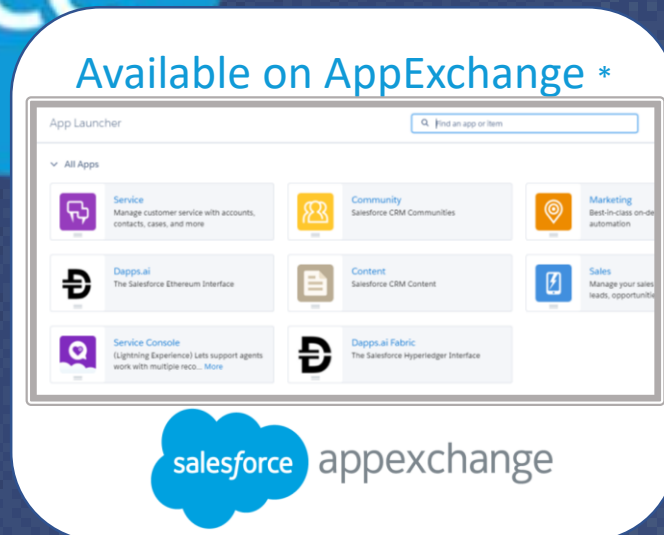


Bitcoin



apps.ai Blockchain Enabled Business Data Unification

Delivered through Salesforce.com



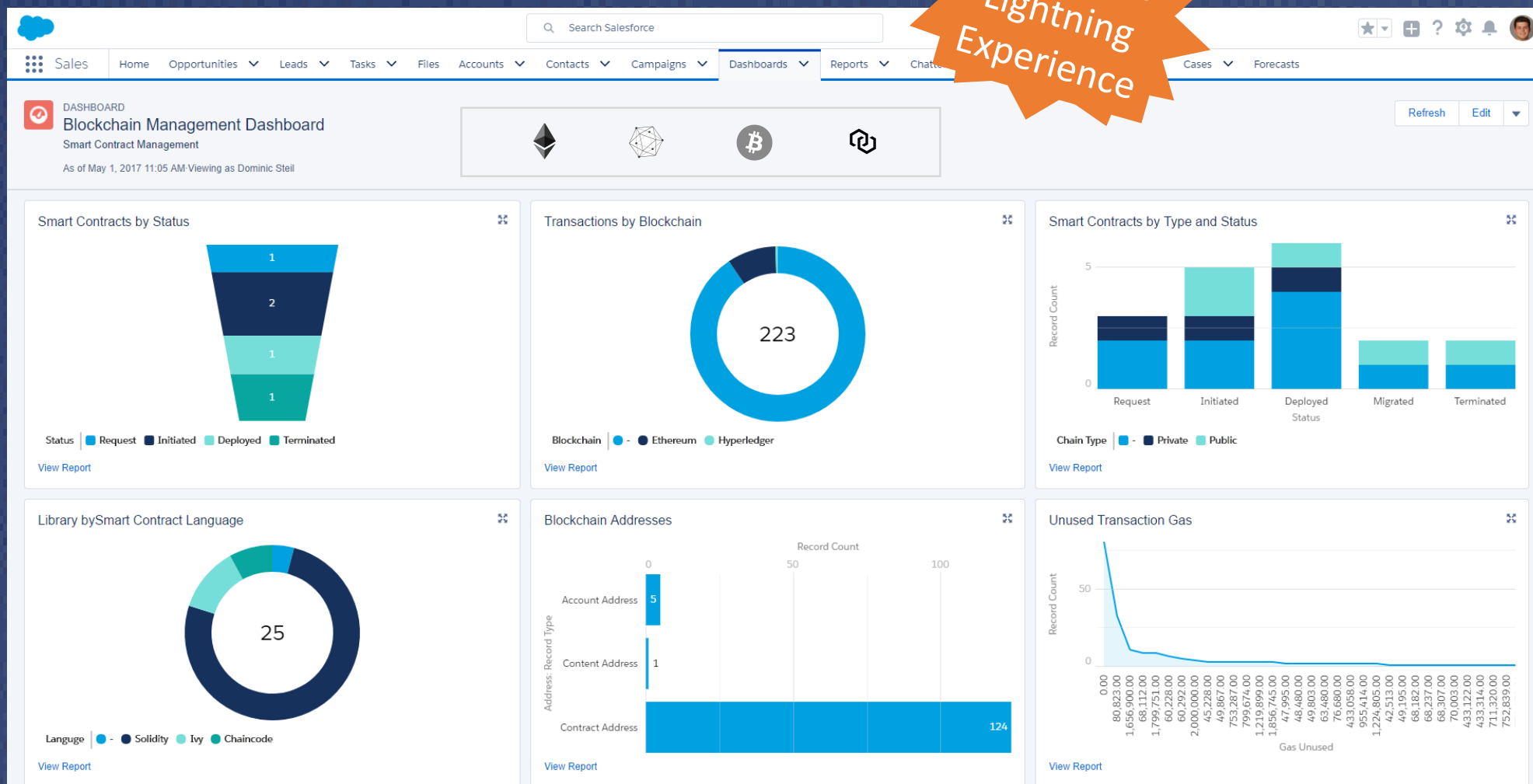
** Dapps.ai Salesforce Managed Solution, available on AppExchange August 1, 2017*

Blockchain Application Management

Salesforce
Lightning
Experience

The Salesforce Blockchain Interface

- Friendly and easy to use GUI, incorporated within your Salesforce instance.
- Create and Call Contracts and Manage Dimensions and Transactions.
- The corresponding addresses, smart contracts, and transactions are all stored in Salesforce enabling organizations to quickly and effectively manage their blockchain applications.
- Use Lightning components to call Contracts direct from the Lightning Experience interface.
- Build reports and dashboards on all of your decentralized application data.



BAM – What's included?

Blockchain Application Management



Ethereum Node – The Interface to Ethereum Blockchain

Gas Service – The service that pays for the computing power

Dapps.js Integration Server

Cloud Services – AWS, Azure or IBM Blockchain Hosting

Hardware Security Module – Secure private key storage

Organizational Adoption of Blockchain

Complete,
single-source
development
and deployment
interface

The
“Everything”
Use Case
Scenario

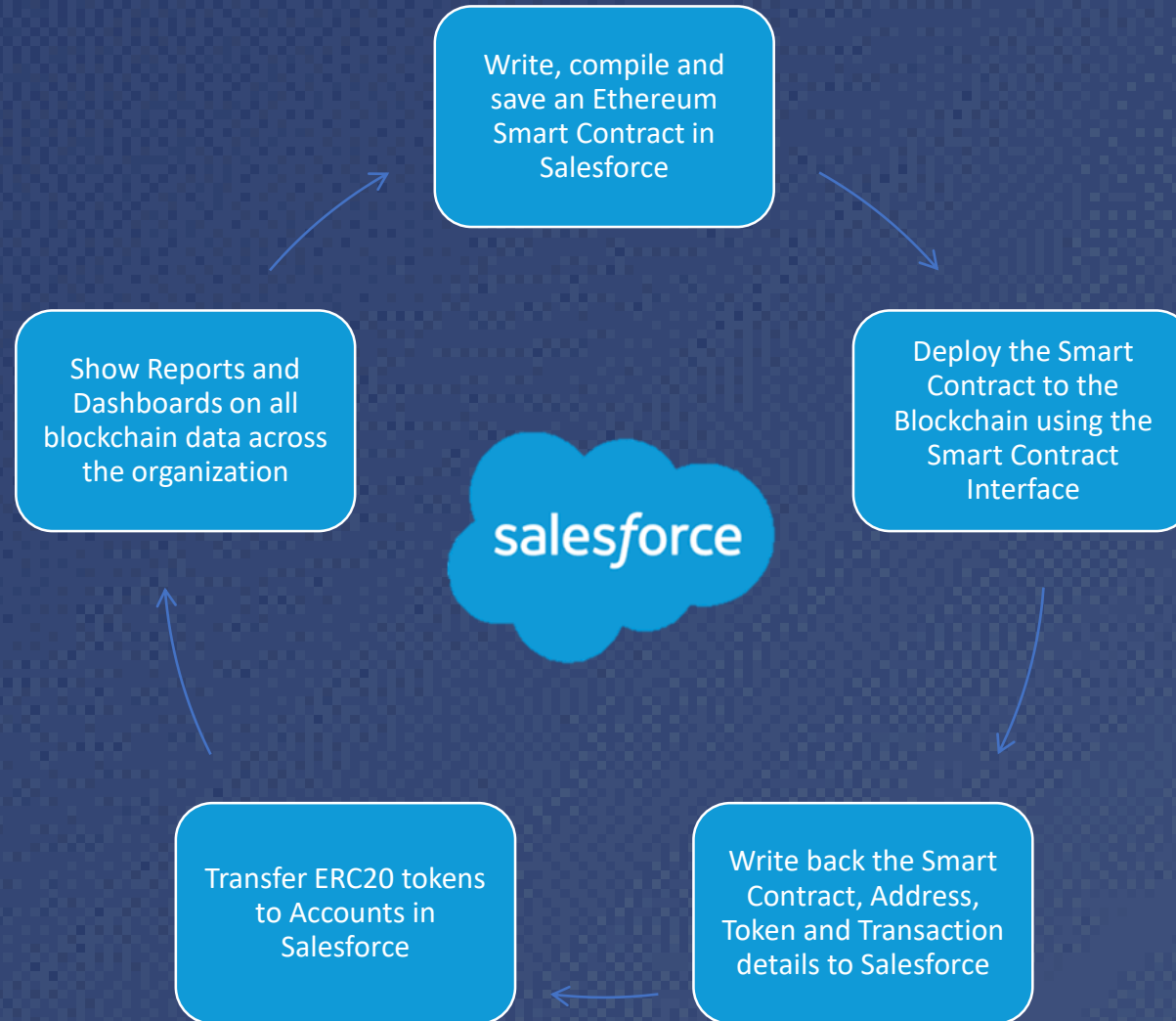
- Contract Management
- Loyalty/Points Management
- Brand monetization (token issuance)
- Salesperson Performance
- Data Management
- Customer Lifetime Value (CLV)
- RFM Analytics
- Supply Chain Integration
- Grid/Smart City monitoring

AI/ML Incorporation – Einstein/Watson Integration

Demo



dapps.ai Demo





Salesforce
Lightning
Ready

The corresponding addresses, smart contracts, and transactions, transaction data are all stored in Salesforce enabling organizations to quickly and effectively manage their blockchain applications.

**Build reports and dashboards
on all of your decentralized
application data.**

Dapps.ai

Home
Accounts
Opportunities
Reports
Dashboards
Address
Smart Contracts
Transactions
Library
Oracles
Token Transfer
Solidity Compiler
Smart Contract Interface

SMART CONTRACT

Special Situation Token

New Contact
Edit
New Opportunity

✓

✓

✓

Deployed

Migrated

Terminated

✓ Mark Status as Complete

RELATED
DETAILS

Smart Contract Name	Special Situation Token	Owner	Diego Santana
Address	0x2ed70777852ac237112e3b340d1c33d3653f43c4	Status	Deployed
Account	BlockLink Industries	Chain Type	Private
Contact	Michael Viramontes	Library	Special Situation Token
Opportunity	BlockLink Opportunity - 2017	Balance	0.000000000
Has Token	<input type="checkbox"/>		
Contract Address Hash	0x2ed70777852ac237112e3b340d1c33d3653f43c4		

Smart Contracts

As of Today at 6:59 AM

New Event
New Task
Log a Call

Create new...
Add

Solidity Compiler

Write, compile and manage decentralized applications that our stored in a Smart Contract Library in Salesforce.

Choose from the Library to deploy a Smart Contract from an Account, Opportunity, or any custom object in Salesforce.

Import Smart Contracts that you have stored locally on your machine.

An interface is automatically configured based on the inputs and the functions of the Smart Contract.

Dapps.ai

HomeAccounts▼Opportunities▼Rem...▼Dashboards▼Address▼Smart Contracts▼Transactions▼Library▼Oracles▼Tokens▼Token TransferSolidity CompilerSmart Contract Interface

Solidity Compiler

CompileSave to Contract Library

↑

Contract NameCRM Token

Solidity Source Code

```
pragma solidity ^0.4.8/**
 * This file has 2 contracts: tokenRecipient and MyToken
 * and is reproduced directly from https://www.ethereum.org/token
 */
contract tokenRecipient {
    function receiveApproval(address _from, uint256 _value, address _token, bytes _extraData);
}

contract CRMToken {
    /* Public variables of the token */
    string public name;
    string public symbol;
    string public version;
    uint8 public decimals;
    uint256 public totalSupply;

    // This creates an enumerable array of balances B...
```

Solidity Version0.4.8

Code

```
6060604052346200000057604051620011ad380380620011ad83398101604052808051906020019091908051820191906020018051906020019091908
0518201919060200180518201919050505b84600560003373fffffffffffffffffffffffffffffffffffffffff1673fffffffffffffffffffffffffffffffffffffffe168152602001908152602001600020
81905550846004819055508360009080519060200190828054600181600116156101000203166002900490600052602060002090601f0160209004810
19282601f1062000e657805160f191683800117855562000117565b8280016001018555821562000117579182015b8281111562000116578251825591
6020019190600101906200009565b5b5090506200013f91905b808211156200013b57600081600090555060010162000121565b5090565b5050816001
9080519060200190828054600181600116156101000203166002900490600052602060002090601f016020900481019282601f106200018157805160f1
6463380011785550846004819055508360009080519060200190828054600181600116156101000203166002900490600052602060002090601f0160209004810
ABI
[{"constant":true,"inputs":[],"name":"name","outputs":[{"name":"","type":"string"}],"payable":false,"type":"function"}, {"constant":true,"inputs":
[], "name":"totalSupply","outputs":[{"name":"","type":"uint256"}],"payable":false,"type":"function"}, {"constant":false,"inputs":
{"name":"","_from":"","_to":"","_value":"","_token":"","_symbol":""}, "name":"transferFrom","outputs":[{"name":"","type":"bool"}],
{"name":"success","type":"bool"},"payable":false,"type":"function"}, {"constant":true,"inputs":["name"], "name":"version",
{"name":"","type":"uint8"},"payable":false,"type":"function"}, {"constant":true,"inputs":["name"], "name":"symbol",
{"name":"","type":"string"},"payable":false,"type":"function"}, {"constant":true,"inputs":["name"],"type":"string"},
{"name":"","type":"uint256"},"payable":false,"type":"function"}, {"constant":true,"inputs":["name"],"name":"symbol",
{"name":"","type":"string"},"payable":false,"type":"function"}, {"constant":false,"inputs":["name"],"_to","type":"address"}]
```

Returns Contract ABI and Bytecode



The Smart Contract Interface

Dynamically generate an interface with by Smart Contract and Address to call the smart contract functions and call the current state of the contract.

3

Home

Accounts

Opportunities

Reports

Dashboards

Address

Smart Contracts

Transactions

Library

Oracles

Tokens

Token Transfer

Solidity Compiler

Smart Contract Interface

Smart Contract Deployer
Deploy & modify state of smart contracts visually.

Contract

Special Situation Token II Smart Contract

X

Contract Address

name

Call

Output(string) :
Special Situation Token II

totalSupply

Call

Output(uint256) :
10000000000000

transferFrom

Sign & Send Trasaction

_from(address)

_to(address)

_value(uint256)

Output(bool) :

decimals

symbol

Call

Output(string) :
SST

transfer

Sign & Send Trasaction

_to(address)

_value(uint256)

approveAndCall

Sign & Send Trasaction

_spender(address)

_value(uint256)

_extraData(bytes)

Transfer Token

Add File

Token Price

Ether Balance



Token Management Interface

Manage ERC20 standard tokens that are created in the Smart Contract Interface and manage token transfers between accounts.

4

Token Management

Manage ERC20 distributions and tokens transfer between accounts.

Event listener is placed on the node to watch for token trasnasctions from the contract address.

Transfer tokens from and to different Ethereum Addresses.

Manage token transfers of your token and the different network statistics of the coin.

Token Transfer

Contract

Special Situation Token

Token

Special Situation Token

Recipient Address

0x3fe0d45816727e723acce114f71ede8ffac0c7a6

Value

1000

Transfer

Dapp AI

Search Salesforce

Home

Accounts

Opportunities

Reports

Dashboards

Address

Smart Contracts

Transactions

Library

Oracles

Tokens

Token Transfer

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Special Situation Token

New Contact

Edit

New Opportunity

RELATED

DETAILS

Token Transfers (6+)

TOKEN TRANSFERS NAME	TRANSACTION	FROM	TO
Special Situation Token - Token Transfer	Special Situation Token- Transaction	0x2dCcF5d9C5CC6ea6a50034529E3D0B...	0x4CA17A27b4853a3c53FE661358AA37...
Special Situation Token - Token Transfer	Special Situation Token- Transaction	0x2dCcF5d9C5CC6ea6a50034529E3D0B...	0x1f06f281acb8ce1e14c57b6aa5d75f16...
Special Situation Token - Token Transfer	Special Situation Token- Transaction	0x2dCcF5d9C5CC6ea6a50034529E3D0B...	0x3fe0d45816727e723acce114f71ede8...
Special Situation Token - Token Transfer	Special Situation Token- Transaction	0x2dCcF5d9C5CC6ea6a50034529E3D0B...	0x4CA17A27b4853a3c53FE661358AA37...
Special Situation Token - Token Transfer	Special Situation Token- Transaction	0x2dCcF5d9C5CC6ea6a50034529E3D0B...	0x558C6a8Fc77Ab7db5360bacb13f2f37...
Special Situation Token - Token Transfer	Special Situation Token- Transaction	0x2dCcF5d9C5CC6ea6a50034529E3D0B...	0x558C6a8Fc77Ab7db5360bacb13f2f37...

View All

ACTIVITY

New Event

New Task

Log a Call

Create new...

Add

Filter Timeline

Expand All

Next Steps

More Steps

No next steps. To get things moving, add a task or set up a meeting.

Past Activity

More Past Activity

No past activity. Past meetings and tasks marked as done show up here.



Reports and Dashboards

Create native reports and dashboards across all of the data being created on the blockchain

Manage you Chains by deployment status and transaction type.

Create strategic dashboards for every line of business using the blockchain network.

Create reports and dashboards to manage your Smart Contract Libraries and Blockchain Addresses.

