

Whitepaper



**THE GUYS  
WHO CUT THE PIZZA**

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## INTRODUCTION – A QUICK OVERVIEW

With the presentation of Ethereum in a white paper called "Ethereum: A Next Generation Smart Contract & Decentralized Application Platform", Vitalik Buterin initiated an era of blockchain-based contracts (smart contracts) since late 2013.

Smart contracts are used to build ethereum-based sub-currencies (tokens), trustee services, decentral exchange services, blockchain-based authentication systems, DAOs (autonomous organizations), blockchain games and much more - the usability of smart contracts is sheer infinite.

Each and every possibility is realized through "Solidity", a programming language developed by Ethereum for communication with the Ethereum Virtual Machine (EVM). Further development is still going on.

Ethereum is leading the field in smart-contract-enabled blockchain systems in spite of dozens of competitors.

A necessary step to make Ethereum fit for the mass market has already been taken by introducing the Light Client.

Since, there is no more need of downloading the entire blockchain, instead the last 1000 mined blocks reach out to open up the gate to Ethereum for the user.

Dapps-ready-browsers as Opera, browser extensions like Metamask and many more services from different vendors rely on the Ethereum network.



## ASSET SPLIT

Asset Split is the place to split up your valuables with the help of smart contract technology, to get fresh capital to drive your project's growth.

The use of the ASN services currently requires a web3-capable browser or the Metamask browser extension to access data from the blockchain.

From Q2 | 2019, the use of ASN smart contracts will also be possible via an interface for non-web3-capable internet browsers.

This option is primarily developed and integrated to be fit for the mass market.

We, as well as our potential customers, rely on the "code is law" strategy of smart contracts. The entire backbone of the ASN is not a database in the traditional sense but smart contracts, which, with the help of the Ethereum Protocol, store and call the data in and from the blockchain in a decentralized manner.

All data can be accessed permanently and the access point does not require a pre-defined frontend.

This design makes it possible to build a frontend application – decentralized in the web.

The following explanations are for illustration of the contract structure that makes up the ASN backend.



# ETHEREUM ASSET SPLIT TOKEN (EAST)

EAST is an Ethereum ERC-20 token, used as the primary payment method for services on the ASN and is building the backbone of every upcoming ASN service contract.

## Token parameters

Token contract: 0x2d1e23144b89fc7364ed3efcd5af04093f7d9a3d

Full name: Ethereum Asset Split Token

Symbol: EAST

Total supply: 150,000 EAST

Decimals: 18

Minting: none

The total supply of 150,000 EAST was sent to the Asset Split token sale contract in the transaction with the address

0x08377f47fcd2f922860a34f1c45a0633eff6d1d2ef2ffe2d0a51cecea5d07e



# INITIAL TOKEN SALE

Token sale contract address:

0x745ed8e2dC790c3b26f6458E297d7E5D8d1d1Ee8



150,000 EAST (100%) are sold originally. Selling the total supply for a fixed rate will save your investments when trading EAST is going live on an external exchange.

1 Ether = 100 EAST

Bonuses for investments:

1+ Ether = 2% EAST bonus on top

5+ Ether = 5% EAST bonus on top

10+ Ether = 10% EAST bonus on top

The first five investments of 10+ Ether will receive an additional 900 EAST as an „early bird bonus“.



## EAST PROFIT SHARES

All existing and upcoming ASN service contracts are owned by the ASN share manager contract. From this ASN share manager, investors are allowed to sign ASN shares. Each ASN share is an own smart contract, holding investors collateral of 1,000 EAST and is owned by the signer.

All ASN share contracts have included functions to receive and withdraw payments in EAST & Ether. The EAST sale contract is owned by the ASN share manager contract too, providing Ether from EAST token sales to ASN shareholders.

Collateral tokens are locked in a ASN share contract for 100 days for the first signed contract, decreasing by one day for every further contract signed. After the locking time is up, the collateral can be unlocked and withdrawn. This action will end the profit distribution to that ASN share.

**50 shares**

**1,000 EAST collateral**

**1% profit from service & token sales**

Owners of a full 1% ASN share do also have the option to sell parts of their full ASN share. All partial ASN shareowners are becoming part of the locked token and of every further payment withdraw from this ASN share. This includes later built ASN share parts as well.



## SHARE MANAGER (SMART CONTRACT)

Solidity Version 0.5.2

Published at address: 0x14796A10F6DdE2A5575cbA91ceBBdfFFE45Ca45A

Owner:

PayeeShare: 0x461f3a721b9cb587c061ee1e6cc2b6345e20fc6c

Owns:

TokenSale: 0x745ed8e2dC790c3b26f6458E297d7E5D8d1d1Ee8

Sell Payee (Service): 0xa79ebc75ac9cab762c807054a96615b213e42cd6

All future services

Pays out to:

50%	0xf001f2be101bca44997a3d3fcd6327dc3d8bd45c	Asset Split
50x 1%		Shareholders

Balance distribution: EAST & ETH

While there are less than 50 shares signed, the remaining percentage from a payout is sent to the owner contract.

## PAYEE SHARE (SMART CONTRACT)

Solidity Version 0.5.2

Published at address: -

Owner: share signer

Locked balance: 1,000 EAST

Owns: -

Pays out to: Share owner, added payees

Balance distribution: EAST & ETH

Payee share contracts are generated by the share manager contract when signing a share. A payee share can store up to 100 different payees.



## EAST SUB SHARES (PAYEES)

Sub shares can be acquired in the partial share section in the ASN dashboard or in a private sale from any full ASN share owner.

### TEST SHARE

This share is added for the very first stage of the ASN sub share system, marked as invalid when the token sale ends and from then on will not receive any further payments.

ASN added shares do not contain any locked tokens and do not require locked tokens to get paid.

Every payout and EAST | Ether distribution works the same way like regular ASN sub shares do.

### REGULAR SUB SHARES

ASN Sub shares are distributed with a percentual part of every EAST | Ether payment a full ASN share receives.

A ASN sub share is, when sold, always bought from the ASN full share and paid to the ASN full share. Payees thus not only receive the participation from the ASN allocations, but also the participation in every later sold ASN sub shares.

ASN sub share owners become partial owner of the ASN full share's locked 1,000 EAST. ASN full share owners have the option to end a share after the token lock time is up. This will distribute all balances to the shareholders and the owner.



## UPCOMING SERVICES

All different, upcoming service contracts will be integrated to the ASN, accepting payments in either EAST & Ether with a factor of 2 EAST = 1 Ether.

Every new built ASN smart contract is generated by the ASN service contract to benefit from less gas fees. All ASN service contracts are owned by the ASN share manager and the service fee is paid to the ASN share manager.

## ERC-20 TOKEN

Token contracts built by the ASN can be created and managed directly and entirely through the ASN dashboard.

Price: 2 EAST | 1 Ether

For each token, the client gets access to an administration interface with which the standard functions of a token can be controlled and managed. This includes functions for transfer, approval, call and balances.

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## TOKEN SALE

ASN Token sale contracts are only available for ERC-20 tokens, generated by ASN. Each token sale contract can be managed through the ASN dashboard.

Price: 2 EAST | 1 Ether

Different frontend options available, starting at 15 EAST | 7.5 Ether.



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## CROWDFUND

ASN crowdsale contracts can be generated in the final step of an ERC-20 token purchase. There are no additional costs for this service but for the administration and user interface.

Price: 5 EAST | 2.5 Ether

Different frontend options, for your website, are available. Prices start at 15 EAST | 7.5 Ether.

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## WEB WALLET

Web wallets provide a range of informational and functional opportunities for you as a token owner and for the token users. The wallet will be available as a web service that can run via ASN or via its own website.

Price: 10 EAST | 5 Ether

## SHARE MANAGER

ASN share manager contracts are bound to the client's token and function the same like the ASN share manager. It can be configured to allow up to 10,000 shares with manual payout options.

Every share is an own ASN smart contract, created by the ASN share manager, later owned by the share signer.

Price: 15 EAST | 7.5 Ether



## DUTY STAPLER

ASN duty stapler, running as a platform service, managed and vouched (paid) by the blockchain – simply a classic duty stapler.

Every project is an own ASN smart contract, containing a locked balance in EAST | Ether for the summary of the project's milestones.

When a milestone is committed by the client and by the contractor, the contractor gets paid for his work through the ASN.

## PERSONALIZED ASSET TO BLOCKCHAIN

Active acquiring of businesses from blockchain-interested and not-yet-blockchain-experienced companies, beginning with European rental services.

This service is payable with EAST | Ether and FIAT payment systems (FIAT payments are partial - 70% - exchanged to EAST and distributed from the ASN share manager contract to EAST shareowners).

All custom integrations are handled by the ASN duty stapler contract.

## DECENTRAL (P2P) EXCHANGE

ASN decentral (P2P) exchange will allow the trading of every ASN generated asset. This includes the ASN provided websites.



## EXCHANGE LISTINGS

ASN will request for EAST listing on at least one decentral and one classic exchange service after less than 25% EAST from total supply are available through ASN token sale.

The exchange services are voted by ASN shareowners.

## ROADMAP 2019

