**New Contract - This may be an intermediary contract that a token will look to**

**Intermediary Authority**

* **setAllowedRegistry** - sets an array of ERC780 (or 780 like Smart Contract) contract addresses that this contract will check on transfer  
  (OnlyOwner)
* **setAllowedVerifiers** - sets an array of Verifiers that the this contract will check on transfer   
  (OnlyOwner)
* **setRequiredClaims** - sets an array of key pair mappings that this contract is checking for on transfer  
  (OnlyOwner)
* **setClaimsNeeded** - sets how many of the AllowedRegistry need to return the RequiredClaim for a transfer to be valid  
  (Only Owner)

**As Per ERC20:**

totalSupply

BalanceOf

Approve ?

Allowance ?

**Modifed ERC20:**

**setIntermediary** - Sets Intermediary for AllowedRegistry, RequiredClaims, AllowedIssuers and ClaimsNeeded

**Transfer** - check through the AllowedRegistry for all RequiredClaims made by AllowedIssuers for the \_to address and counts each entry and transfers only once that count has exceeded ClaimsNeeded

**TransferFrom** - checks through the AllowedRegistry for all RequiredClaims made by AllowedIssuers for the \_to address and counts each entry and transfers only once that count has exceeded ClaimsNeeded

**BalanceAtBlockHeight** (optional)

**Standards that we overlap with in some way** - let’s read & learn from the comments refining each of them.

* <https://github.com/ethereum/EIPs/issues/875>
* <https://github.com/ethereum/EIPs/issues/821>
* <https://github.com/ethereum/EIPs/issues/721> - <https://github.com/ethereum/EIPs/blob/master/EIPS/eip-721.md>
* <https://github.com/ethereum/EIPs/issues/777> (less overlap but I like this one from Jordi)
* <https://github.com/ethereum/EIPs/issues/827>
* <https://github.com/ethereum/EIPs/issues/223>

My current thinking is that we propose our Verified Token Standard as an extension to ERC #20, #223, & #721