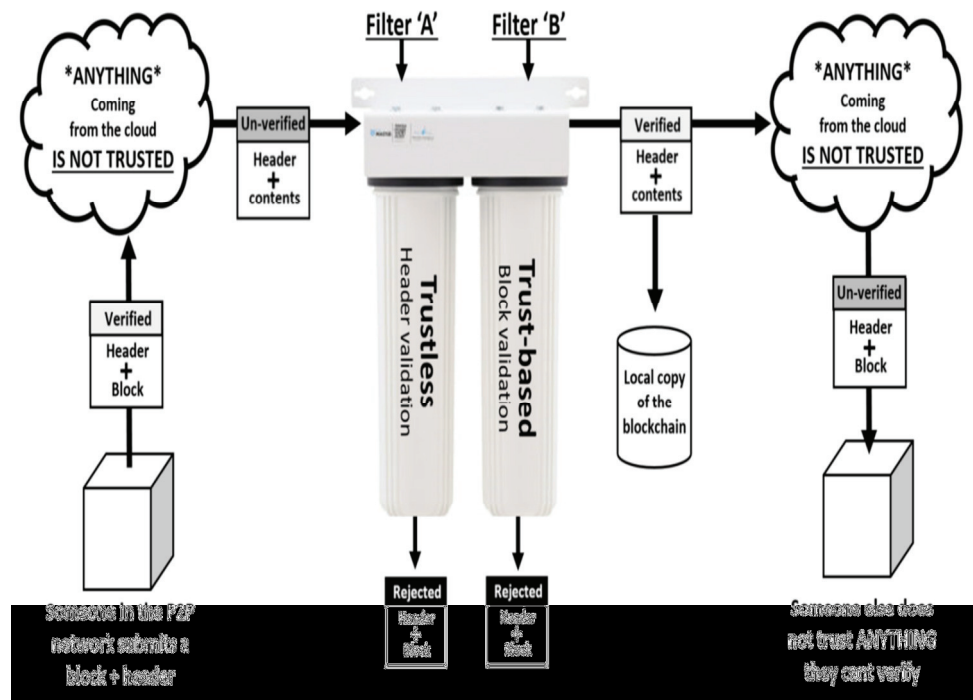


THE CARTRIDGE MODEL

Simplicity is paramount and the image¹⁶ below illustrates this trait in Eleutherus/GP through the cartridge model. It depicts the distributed validation of block headers and block contents in distributed network validation.



Although complex descriptions can be made of any of the above, we choose to avoid doing that because it might end up concealing more than revealing. Furthermore, the cartridge model is accurate, and this is precisely how the blockchain networks work.

Moreover, the cartridge model is simple and flexible, meaning it allows the changing of cartridges, as required. Therefore, it would not be wrong to think of blockchain as a pair of cartridges. Although there are other aspects like the P2P network settings, block size/frequency, governance mechanism, etc... cartridges help define concepts in a clearer manner. So, if we go back and consider the seminal example of the Bitcoin network, the first cartridge would be the double-SHA2/256 proof-of-work

¹⁶ Household cartridge-based water filter image credit Home Depot.