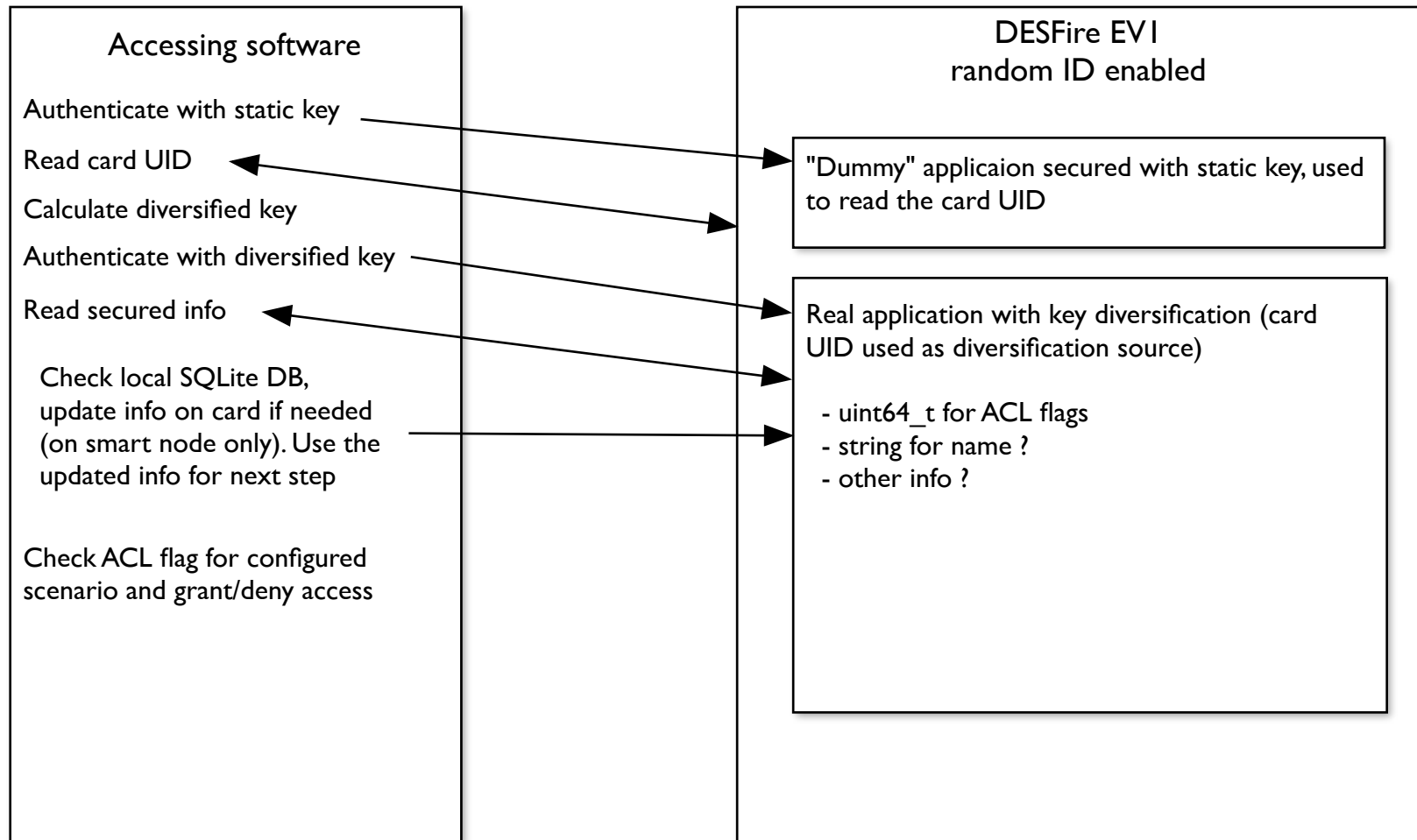
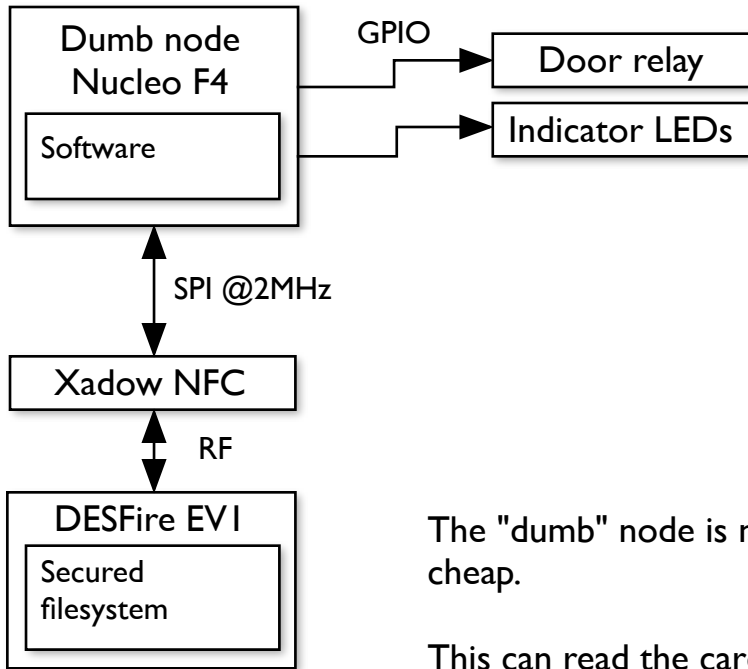


# Card authentication

Note: DESFire 3-way mutual authentication steps collapsed into single "authentication" step.





The "dumb" node is not capable of running a full OS but the MCU is cheap.

This can read the card and check the ACL flag, but the node does not have a copy of the key/acl database or anything like that, it trusts that the smart node (which are at building entrances) will keep the flags updated.

It can do simple UDP broadcast of events (UID xxx granted/denied at node YYY) which the smart nodes can listen for (and log).