

as it consists of an integrated circuit (IC) chip that is one time programmable (software burnt at the time of manufacturing).

No external

Self Diagnostic i.e. shut down automatically in case of post manufacturing tampering.

Standard Operating Procedure i.e. procedural

because EVMs are not networked by any wireless system, nor do they have any frequency receiver and data decoder.

Secure Source Code as manufactured in-house by Electronics Corporation of India Limited (ECIL) and Bharat Electronics

Limited (BEL).

even by illiterate voters
who just need to recognize
the symbols of the parties
& easier for disable people
to vote independently.

Completely auditable as
anyone (parties, citizens
& election commissions)
can audit the electoral
process at every stage,

checks and balances, trial

run, random allocation,

multi-stage testing, safe

and secure storage

post voting etc.

Easy to use & accessible,

even before elections.

there is no possibility of system generated/latent votes.

CAN EVMs BE HACKED?

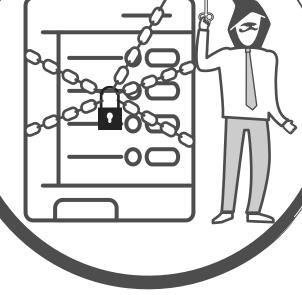
Time stamping of votes

EVMs are installed with

real time clock, full display

system and time-stamping of every key pressing so

Non-reprogrammable



is physically plugged into its control unit or a way to artificially change the processor.

For wireless hacking - one needs a miniaturized transceiver circuit with a small-sized efficient antenna to be externally embedded into the EVM. It is technologically difficult to reduce the size of antennas.

WAY FORWARD

For wired hacking - one needs a specifically designed chip that

Technically, impossible to hack EVMs as it would require high level of expertise, the blueprint of actual circuit board of the EVM and huge cost.



of VVPAT in all elections.

Totalizer Machines for counting of votes polled at 14 polling booths together, as against the current practice



Voter Verifiable

Paper Audit Trail

(VVPAT)

of announcing booth-wise results.

In 2017, EC even held an 'EVM Challenge', where it invited political parties to

votes were cast correctly and provide a means to audit the stored results in case of disputes.

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In VVPATs, a paper slip is

generated bearing name and symbol of the candidate along with recording of vote in CU.

VVPATs are an "independent

verification system" designed to allow voters to verify that their



allegations of tampering

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demonstrate/proof any