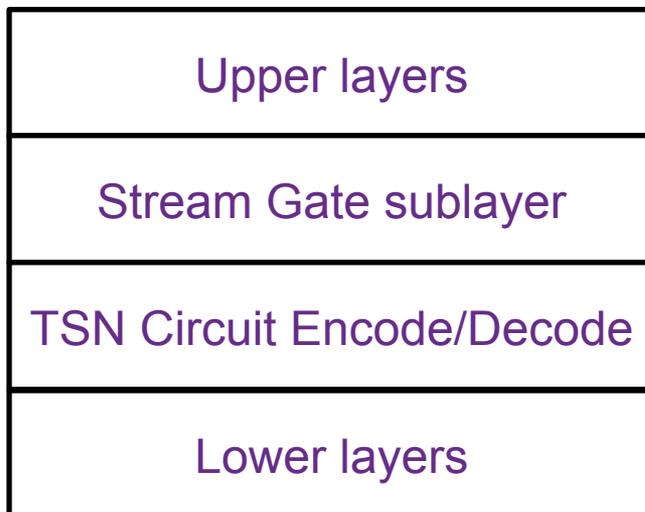


# P802.1CB Input Gates

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# Stream Gate sublayer



- Position in stack.
- Operates on inputs, not on outputs.
- Requires `circuit_identifier` parameter to operate.

# Stream Gates

- The Stream Gate sublayer has some number of Gates, each with an associated `circuit_identifier`.
- The Stream Gate sublayer has one additional Gate, associated with all `circuit_identifiers` not having their own Gates in this TSNSG.
- Non-TSN streams bypass the Stream Gates.

# Stream Gates

- One function of a Gate is to (optionally) assign a frame to an IEEE 802.1Q policer for red/yellow/green marking.
- A Gate can be open (pass [through optional policer]) or closed (mark frame “red”).
- The Stream Gate sublayer has an OPTIONAL rotating schedule, similar to the P802.1Qbv schedule, that opens and closes each Gate.
- The Stream Gate sublayer counts red/yellow/green packets per Gate.

Thank you.

