Alternative PrY & SecY client relationships

A Public Port plus a Private Port?
- Support protocols that need MACsec, but not privacy protection.
- Support communication to a protocol entity beyond the peer SecY, but closer than the peer PrY.

B. (Single Private client port) more easily maps to existing controls.
   Full stream id lookup for the sophisticated case.

PrY with a single Private client port and privacy protection selected by:
- User priority (v. simple case)
- ISS connection_identifier subparameter (802.1AC-2016 11.1, see also 802.1CB-2017 6.2)
MAC Security and Privacy protection in a bridge

IS = Insecure Service (ISS)
SS = Secure Service (ISS)

Numeric references in this figure are to 8.5.1 and 6.9 of IEEE Std 802.1Q-2018.
Privacy protection and link aggregation

![Diagram of Privacy protection and link aggregation]