Management Data Input/Output (MDIO) is IEEE802.3 PHY management interface to read and write control and status registers of the PHY as shown in diagram below.

MDIO bus has one master and one or mode slaves up to 32.

MDIO interface is a synchronous protocol made up from 2 signal, clock and data. Clock is always sourced from master. Data is bidirectional signal depending on read or write operation.

More details can be found at following wiki:

<https://en.wikipedia.org/wiki/Management_Data_Input/Output>



