

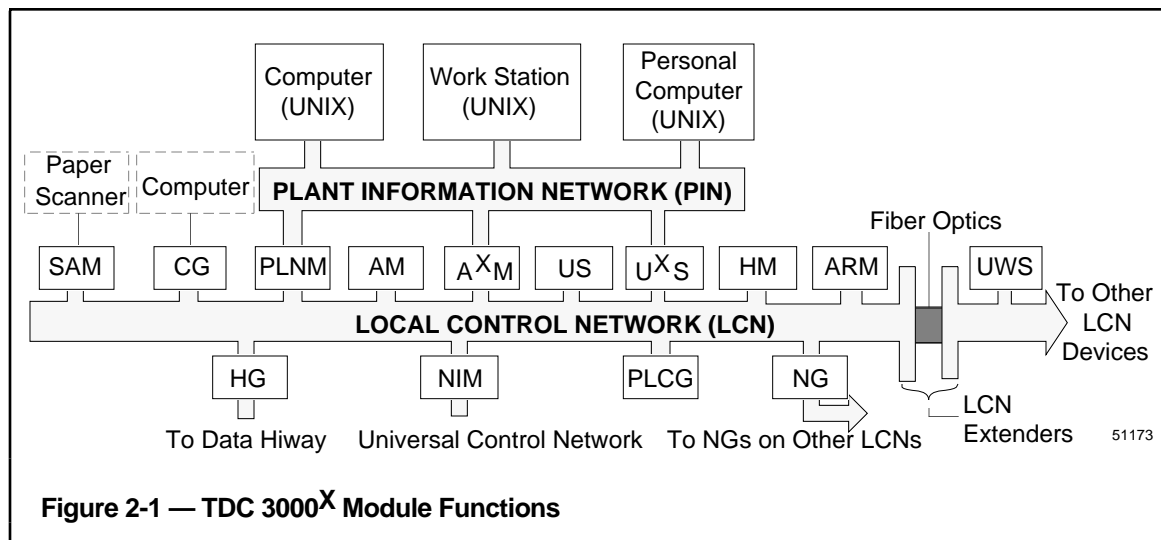
MODULE DESCRIPTION Section 2

2.1 GENERAL DESCRIPTION

The Five- and Ten-Slot Modules are configured to perform various functions, such as Applications, Gateways, History, and Universal Stations in the TDC 3000^X system. Each module occupies a specific address (node) on the Local Control Network (LCN).

Figure 2-1 shows the module functions within a typical TDC 3000^X system.

The configuration flexibility is because of the inter-changeability of the component card assemblies (boards) in the module. In addition to the boards within the module, there are also companion input-output (I/O) boards mounted in a chassis on the rear of the module. The I/O boards facilitate interconnection of the module to the LCN or with the Data Hiway, Universal Control Network (UCN), external devices, and communication lines. The module also contains a power supply, located in the bottom of the unit, and a cooling-fan assembly, located on the right side.



The modules are designed to be mounted in the Honeywell TDC 3000^X system equipment cabinet and Universal Station console bays that conform to the industry standard 19-inch rack mount. If mounting racks other than Honeywell's are used, care must be taken to ensure that the cooling-fan air flow is not blocked and that adequate air filtration is provided.

Table 2-4 — Functional Board Types (Continued)

Board Type	Description	Part Number
SIO	Serial Input Output Interface	51400655-100
SPC	Smart Peripheral Controller	51401052-100
TPDG	Turbo Peripheral Display Generator	51402000-200
TPDGX	Turbo Peripheral Display Generator (high speed)	51402610-200
VDG	Video Display Generator	51400665-100
WSI	Workstation Interface (16 MB memory)	51304791-300
WSI	Workstation Interface (32 MB memory)	51304791-400
WSI2	Workstation Interface (64 MHz PA-RISC) memory separate	51402083-100
WSI2	Workstation Interface (100 MHz PA-RISC) memory separate	51402083-200