Siemens m60 Series

Advanced Traffic Controller for NEMA and ATC Cabinets

usa.siemens.com/intelligenttraffic

Providing robust hardware and innovative software for traffic management needs

The idea behind our new m60 ATC controller is simple:

The less you have to hear about traffic, the better.

Introducing the new Siemens m60 ATC with SEPAC

The Siemens m60 ATC gives better control of traffic signals, cost of ownership and a signal system's future. Siemens has made the m60 ATC a feature-rich traffic signal controller along with the robust performance required to meet ever-changing traffic demands. Because the advanced functionality of the m60 series is designed to meet ATC v06.25 standards and specifications, upgrading controllers and software to m60 ATC with SEPAC will keep a city ahead of the traffic curve.

Putting the best features on display

The Siemens Multiview Display (SMD) will change the way users interrogate the operations of signalized intersections. Split viewing on the SMD allows changes to the configuration of the m60 ATC while viewing any one of five active status windows. The 5 1/8-inch active Thin Film Transistor (TFT) backlit LCD display facilitates low-light configura-tion changes. With Siemens unparalleled backward compati-bility, a quick software upgrade to existing m50 controllers will bring new life and functionality to a trusted controller.

m60 MultiView Display

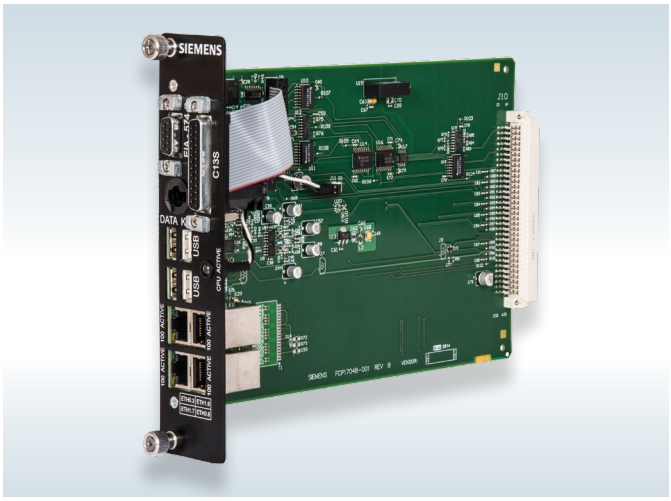
Pedestrian prioritization made easy

For greater visibility, pedestrian walk offset points allow pedestrians to enter the crosswalk before any turning traffic is allowed. Pedestrian exclusive phasing stops all traffic before pedestrians are allowed to cross.Prioritizing pedestrian movement allows longer pedestrian cross times than the associated signal timing within the active coordination plan.

m60 ATC Cabinet-Ready Controller

New applications powered by standard interfaces

The m60's modular hub brings all of the communication ports required to keep a signalized intersection connected to the traffic management center. The product includes a network switch for communication with multiple traffic control cabinet devices. Four USB ports are also included for expansion over years to come. A datakey port also adds backward compatibility with legacy systems which facilitates the migration to the new Siemens platform.



m60 ATC Communications Module

Expanding possibilities with the new m60 Series ATC Cabinet-Ready Controllers

Advanced, state-of-the-art priority routines

Siemens is the industry leader in priority routines. The m60 with SEPAC can receive signals from an approaching bus or light rail train and prioritize them with minimal impact on the flow of other vehicles approaching the intersection. With full priority, the m60 ATC will actively prioritize the approaching transit vehicle by skipping directly to the appropriate transit phase to minimize delays seen by the transit agency. Partial priority is a more balanced approach, where phases have a pre-programmed amount of time reduction and extension. With the balanced approach, users can prioritize the transit vehicle while minimizing delays on all approaches, even during coordination.

More flexibility with the Cabinet-Ready Controllers

The new Siemens m60 Series ATC Cabinet-Ready and the m60 ATC LITE Cabinet-Ready controllers are the newest additions to the m60 series. These controllers are equipped with an ATC Cabinet Compatible Backplane which allows an ATC Cabinet Module to be inserted into the controller. With this module, the controller can be used in an ATC shelf-mount cabinet.

ATC Cabinet Module

The solution to the yellow go/no go zone dilemma

The MUTCD stipulates some of the safety features built into all controllers, with Siemens making additional enhancements to benefit users. The advanced vehicle density setting helps identify safe gaps between vehicles approaching a signalized intersection to reduce the effects of the dilemma zone. Using state-of-the-art features of collision avoidance routines, the Siemens m60 ATC can extend the all-red clearance interval to reduce the risk of side-impact collisions.

Easy to identify what's inside

The Product Label shown above will be included on all controllers containing the ATC Cabinet Compatible Backplane. This Product Label makes it easier than ever to identify which backplane your m60 series controller is equipped with. Please note that in order to connect to an ATC Cabinet your controller must contain this Product Label and an ATC Cabinet Module.

Product Label

Bigger and better traffic management

The m60 series controller are part of a network of Siemens innovations for better traffic management that includes the TACTICS® Central Advanced Traffic Management System (ATMS). Working together or independently, these capabilities deliver the most advanced technologies into traffic management configurations across North America.

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