



What are the benefits of an Ethernet scale network?

Do I need to upgrade for the benefits of the Ethernet?

What about wireless scale networks?

How do I start?

Ethernet Solutions

METTLER TOLEDO





What are the benefits of having an Ethernet scale network?

Ethernet is a standard in networking. It allows for a single wiring type, standard communication protocol (TCP/IP), and single network architecture to support all of your Ethernet compatible devices. Standardizing on Ethernet provides communications that are more robust with greater data transfer rates compared to traditional serial networks, and it optimizes your overall Network Administration efforts.

With the real time data access, configuration, and support capabilities, Ethernet provides the best scale networking solution for today and tomorrow.



How do I start?

With the many options that are available, we suggest talking to your METTLER TOLEDO® representative to insure that you get the solution that best suits your needs today, paving the way to where you want to be tomorrow.

Accommodating your needs is our goal to whatever path you choose to take. By standardizing on Ethernet for all of your in-store networks, there are many benefits such as a single in-store cabling type and standardized communication.



Do I need to upgrade or replace all of my existing scales to take advantage of the benefits Ethernet can provide?

With the Migration Path that METTLER TOLEDO® has devised, it is not necessary to replace all of your equipment at once. We offer a SmartTouch® Ethernet Master (STEM) that communicates with a host using TCP/IP or RS232/422 (as it does today). In addition, the METTLER TOLEDO® STEM supports your current METTLER TOLEDO® Satellite scale network, as well as new Ethernet Client scales. With the addition of a METTLER TOLEDO® STEM, the benefits of an Ethernet scale network may be obtained immediately while maintaining your current scale hardware investment.

METTLER TOLEDO® also offers scale management options to keep track of your scale data to help maximize your business investments. Perishable goods have great profit potential. One element required in the realization of greater profit is to insure that you have the best tools available in your stores. Reliability, speed and accuracy in your scale data are all-important pieces of that goal and METTLER TOLEDO® Ethernet and RF scale technology provides these benefits and much more.



What about wireless scale networks?

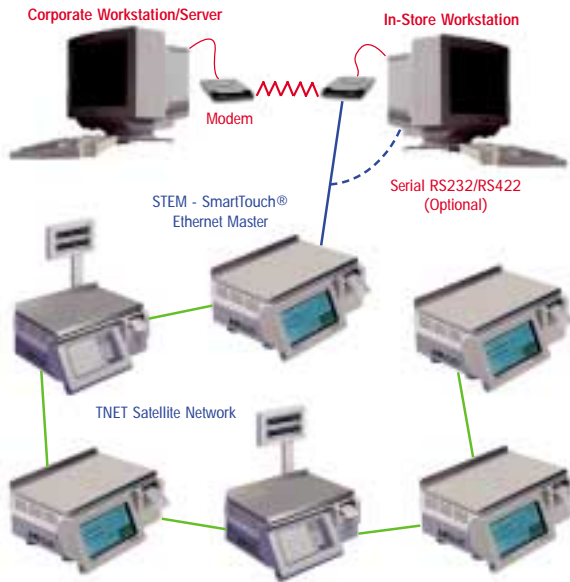
METTLER TOLEDO® is proud to offer Radio Frequency (RF) networked scales to operate within your existing RF infrastructure. Our wireless solution supports a variety of Telxon®, Symbol®, and other RF networks. This solution offers a fast and reliable communications alternative for flexibility in scale mobility and merchandising options.

In-store demonstration stations are an excellent reason for going wireless. RF (Radio Frequency) has been used in-stores for a variety of applications. Historically, Inventory and Receiving have been the highest areas of usage for RF devices. METTLER TOLEDO® scale technology allows for scale networking via RF. Your scale networks can now take advantage of the mobility and the placement convenience that a wireless network provides.

We also offer Ethernet Standalone Scales and upgrade kits for all of our 8450/8461/8361 products. With all of these options, you could replace one scale or outfit a complete store with Ethernet equipment. This solution makes it your decision as to how quickly you want to have an all Ethernet network and invest in new equipment. With METTLER TOLEDO® products, you have the flexibility to upgrade and replace at your own pace.

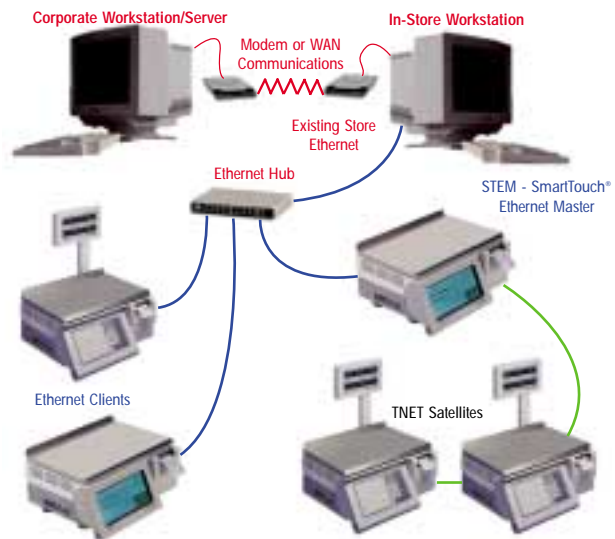


Store using the new STEM with existing TNET Satellites



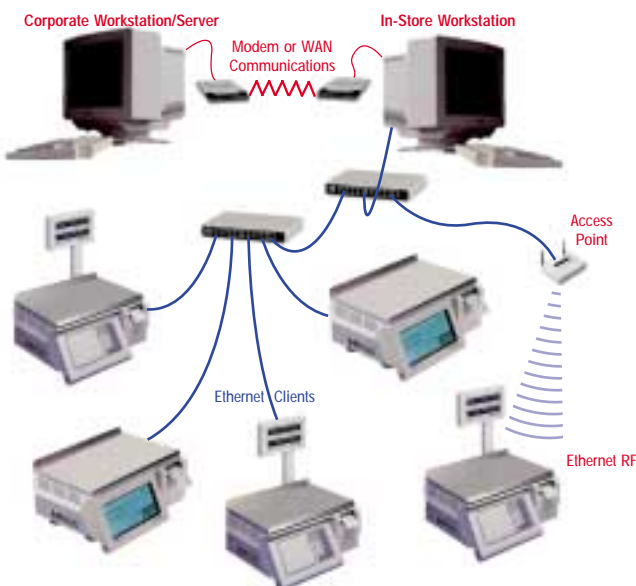
This diagram represents the METTLER TOLEDO® proprietary TNET wiring and Master/Satellite concept with the addition of one of our new products; the STEM. The SmartTouch® Ethernet Master (STEM) supports any of the TNET scales that include models 8422, 8427, 8450, 355, 2450, 8360, 8361, 8460 and 8461. By using the STEM in your store, you have the option of using Ethernet from the host to the STEM and still support our proprietary equipment while establishing a migration path for future equipment.

STEM on existing Ethernet Network using TNET and Ethernet



The METTLER TOLEDO® SmartTouch® Ethernet Master (STEM) can support both up to 25 proprietary TNET satellite scales and up to 25 Ethernet Client scales simultaneously. Downloads can be made to the STEM using Ethernet or RS232 which will then provide all data to your scales. Any of the Ethernet scales are also available with an RF (Radio Frequency) option allowing wireless Ethernet communications.

Scale Server supporting Ethernet Clients and RF



In this environment, all communications are via Ethernet. All scale data is in the Scale Server for all clients to access. This diagram represents the full migration path to the Utopia® environment that uses Ethernet communications exclusively. Benefits of an all Ethernet network include the ability to collect data in real time and using only one type of wiring for the store communications. Any of the scales in this diagram are offered with an RF (Radio Frequency) option allowing wireless Ethernet communications.

Mettler-Toledo, Inc. Scales & Systems

USA
1900 Polaris Parkway
Columbus, Ohio 43240
TEL. (800) 786-0038
(614) 438-4511
FAX (614) 438-4900

Mettler-Toledo Inc.

Canada
TEL. (800) 263-6593
FAX (905) 681-1511

Mettler-Toledo Ltd.

Australia
TEL. (61) 3 9646 4551
FAX (61) 3 9645 3935

International Operations

Americas
TEL. (614) 438-4801
FAX (614) 438-4755
Europe, Africa, Near East
and Pacific Rim
TEL. (41) 1 944 22 11
FAX (41) 1 9444 30 60

Internet
www.ml.com

Specifications subject to change without
notice © 2000 Mettler-Toledo, Inc.

METTLER TOLEDO® and SmartTouch®
are trademarks of Mettler-Toledo, Inc.

Printed in USA.

7.5M0400
RT1063.0E