TTM stands for **Track, Trace** and **Match** and that's exactly what it does. Imagine you had thousands, possibly millions of identical looking objects all flying past really, really fast but you had to be able to tell every one of them apart, make them unique. Oh and did we mention instantly. So you're probably thinking it can't be done at this point I imagine. Well actually it can. It's what we do, more importantly it's what we specialise in doing.

Reliability, Accuracy, Speed and Traceability – that's what you get from a Melior Solution. With increasing pressure when it comes to patient safety, rules, regulations and potential product liability mitigation, industries such as pharmaceutical and healthcare need systems that provide unprecedented levels of accuracy and reliability. That's where we come in. That's what we're experts at. TTM100™ is a complete software solution for the management and distribution of pack level unique codes that are known to significantly reduce these risks and make complying with these growing demands much simpler – everyone loves a simpler life.

TTM100™ is as appropriate to pharmaceuticals as it is to other products where there is risk of counterfeiting and a requirement to uniquely code each item. From wristwatches to training shoes, cameras to televisions, TTM100™ can be used in partnership with suitable printing technologies to provide an important piece of the anti-counterfeit 'jigsaw puzzle' and help to combat this modern day global threat.

KEY BENEFITS

- ✓ Integrates with existing business systems and production line equipment.
- ✓ Ensures that each pack/label code is unique and correct at full line speeds (in excess of 800 packs/codes per minute).
- ✓ Easy to deploy and maintain.
- ✓ Uses GS1 standards and is GAMP and 21CFRpt11 compliant.
- ✓ Is compatible with state of the art commercially available code inspection equipment and code printing equipment and is largely equipment vendor agnostic.
- ✓ Is Microsoft .NET® compatible. Operates with Windows XP®, Windows Vista® and Windows 7® both x32 and x64 and is compatible with SQL Server 2008 R2.

Ok so here it is the technical bit, the stuff you need to know. TTM100™ is a complete serial number management system, designed to operate both in a stand-alone configuration or configured to work in harmony with a 3rd party host such as ERP. TTM100™ controls the critical aspects of:

❯ Serial number generation and distribution.

❯ Printer management and control.

❯ Vision system control.

❯ Code verification and registration.

❯ Standard and custom report generation and batch serial number transmission.

TTM100™ is able to fully manage the process of unique random serial number generation using either one of a number of different internal mechanisms or an ability to link directly to an external number source. We can even provide a means to embody customer specific, confidential number generation algorithms.

So sounds great, but is it friendly and flexible?

TTM100™ is able to interface with a wide range of on-line printing and vision-based code reading equipment, provides huge flexibility and easily allows for solution standardisation across multiple production lines where different coding and vision equipment may have been installed.

The flexibility continues with an easy to configure means of interfacing with reject systems, conveyor controls and warning beacons.

We get it right first time. Every time!

Code verification and registration is a thorough process of confirming the static code-based data to be correct for each and every code as well as verification that each serial number is unique during the production batch run. This individual complete checking process ensures that all product successfully passing the reject point is 100% fit for passage into the supply chain.

TTM100™ also offers a variety of options in terms of serialised data reporting and linkage with host product tracking solutions. Manual report generation, printing and host transfer is complemented by equal functionality being available using the TTM100™ host automation interface. Using automation, TTM100™ is able to generate and send reports of serialised information to externally hosted/cloud-based systems without any direct operator involvement.

Need more?

TTM100™ can be optionally expanded to provide:

❯ Multi-layer product aggregation.

❯ Enhanced database security using encrypted data records for all serialised data.

❯ Support for alternate database technologies.

❯ Multiple line operation.

All the options are provided in the same, easy to deploy, easy to use manner.

The happy ending. The grand finale. The big finish.

With production complete, any products rejected or removed for sampling can be reconciled. Reports detailing missing codes (from unreadable packs) can be easily produced allowing safe decisions to be made regarding potential code re-use as well as the provision of exceptional batch record information.

So just to recap why this is the only solution your company should be considering right now.

All this functionality is provided in a format that is:

• **Easy to install** – No dramas. No fuss.

• **Easy to maintain** – Why make unnecessary work.

• **Easy to configure** – Simple yet highly effective, that's what we like.

• **Easy to use** – Our software is the genius. So you don't have to be.

So now you know about what our software can do for you why not get in touch to book a demonstration or request a testimonial.

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Email: **info@meliorsolutions.com**

Compatible with
Windows®7

Microsoft Partner
Silver Independent Software Vendor (ISV)