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TLC & ATMS Systems

TLC & ATMS Systems

Functional Comparison Charts



The World's Leading Supplier of Tool Management Systems

Preface

This document provides a comparison between the various levels of Tool Management Solution products provided by ITC Integrated Systems, Inc. & ISIS Informatics Ltd. The first section provides a fairly comprehensive comparison of all the products together. The second section provides a smaller more concise comparison of the TLC products and the last section is a more comprehensive comparison of the ATMS products.

Products Compared

ATMS -The full tool management system with all the features of ATMS Light but adding assembly and kit control.

ATMS Lite- A full inventory, purchasing and tool tracking system, including rework control, budget information and comprehensive reporting.

ITEM Manager - An entry level product that provides basic item control, only available in partnership with a tool manufacturer or distributor.

Toolware Deluxe - is a full featured, very affordable, easy to use, modern introductory tool management system. Its primary features are Basic Tool Tracking, Tool Order Control, Alias & Vendor files & Multiple Independent Tool Cribs.

TLC Organizer - is ITC's most popular Tool Management System. It provides the basic controls that both the Shop Floor & Management requires. Its primary features are Kit definition, Transaction logs, Reference files, Integrated Preset Information. TLC Organizer is an upgrade from Toolware Deluxe.

TLC Professional - is the most complete tool management product available today. It has no competitive equal. Its primary features are GFI control, Reserve tools, Transfer in-use tools, Advanced Kit control & tracking. TLC Professional is an upgrade from TLC Organizer.

Legend Markings & Terms Used

Legend used in the 1st section:

- ✓ = Feature is standard in the product
- ◐ = Feature is available as standard in the product, but may be less capable than another TLC or ATMS product.
- = Feature is offered as an option to the product
- L = Feature is available in the TLC Legacy 16-bit product Only
- T32 = Feature is available in the TLC 32-bit product Only
- X = Feature is available as standard in the product, but has Extended capabilities over another TLC or ATMS product.
- 3rd = Capability or feature can be realized by using a 3rd Party product.

Sections 2 and 3 use marks to indicate that the feature is available with that product.

Terms:

GFI - Gage, Fixture & Inspectable Item - Refers to items requiring recall, inspection or serialization.

ITI - Individual Traceable Item - similar to the function of GFI

O/S Upgrade - Changing your current TLC software from its original operating system to a different operating system, e.g., moving from Novell to UNIX or MS-DOS to Windows NT.

Alias - Another name for something. Aliases can contain more or less characters than the field they are referencing and may be defined for any Alphanumeric field in the TLC database, i.e., tools, jobs, machines, kits, vendors, users.

All specifications subject to change.

Functional Comparison of TLC & ATMS System Features

Legend:

- ✓ = Feature Standard ◐ = Feature Limited ○ = Feature Optional
- L = TLC Legacy Only 3rd = Available thru 3rd Party
- T32 = TLC 32 Feature Only X = Extended capabilities

ATMS	ATMS Lite	ITEM Manager	Toolware Deluxe	TLC Organizer	TLC Professional	Competition
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General System Specifications						
Multi-User	✓	✓		✓	✓	✓
Database Engine						
Access	✓	✓	✓			
MS Sequel Server (SQL)	○	○				
Oracle	○	○				
ISAM				✓	✓	✓
Documentation						
Standard User's Guide	✓	✓	✓	✓	✓	✓
Quick Start Manual	✓	✓	✓	✓	✓	✓
User Interface						
Menu Driven	✓	✓	✓	✓	✓	✓
GUI Menu's	✓	✓	✓			
Crib, Purchasing, Definition, Report & Administration Sub-Menu's	✓	✓	✓			
Independent Menu's for Crib, Supervisor & Reports				✓	✓	✓
Menu Toolbars for Crib, Supervisor & Reports				T32	T32	T32
Interfaces						
Excel Import/Export	✓	✓	✓	✓	✓	✓
CAD	✓	✓		◐	◐	◐
CAM	✓			◐	◐	◐
AS/RS or ATD	X	X		◐	◐	◐
Presetter Machines	X				○	○
MRP/ERP	✓	✓			3 rd	3 rd
Purchasing	X	X	✓	✓	✓	✓
EDI, Bar Code, Badge Readers, Input Devices	✓	✓	✓	✓	✓	✓
Recommended Hardware						
P200 or Higher	✓	✓	✓	✓	✓	✓
64MB RAM or Higher	✓	✓	✓	✓	✓	✓
SVGA screen 800x600 min. resolution	✓	✓	✓	✓	✓	✓
80386 min. 640k RAM				✓	✓	✓
Pentium II 75 & Higher, 32MB RAM min.				✓	✓	✓
VGA 640x480 or Higher				✓	✓	✓
Operating Systems						
Windows NT 4.0, 2000	✓	✓	✓	T32	T32	T32
Windows 95, 98	✓	✓	✓	✓	✓	✓
Windows Millenium	✓	✓	✓	T32	T32	T32
Unix(s), e.g., Linux, HPUX, Solaris, AIX, SCO				✓	✓	✓
Windows 3.1, DOS				L	L	L
Most Standard Networks, i.e., Novell, Lantastic, 3Com	✓	✓	✓	✓	✓	✓

Functional Comparison of TLC & ATMS System Features

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ATMS	ATMS Lite	ITEM Manager	Toolware Deluxe	TLC Organizer	TLC Professional	Competition
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Tool Crib Station Features						
Withdraw - Issue tools	✓	✓	✓	✓	✓	✓
Return Tools from shop to Crib	✓	✓		✓	✓	✓
Find - Locate Tools, in crib, shop floor, rework	✓	✓	✓	✓	✓	✓
Receive New Tools to Inventory	✓	✓	✓	✓	✓	✓
Search by Tool Classification, Auxiliary Code, Family Code, etc.	X	X	X	✓	✓	✓
Adjust Quantity or change Storage Location	✓	✓	✓	✓	✓	✓
Return Tools from Repair areas	✓	✓		✓	✓	✓
Rework Comment	✓	✓				
List tools in-use with Users	✓	✓	✓	✓	✓	✓
Track Tools in use by Machine-Job-User	✓	✓			✓	✓
Kit Issues & Returns (Manual or Automatic)	✓				✓	✓
Swap Items or Assembly	✓	▮			▮	▮
Interconnect Issue/Swap/Return Sigle Button Press	✓	▮				
Withdraw - Issue Kits to Shop Floor	✓				✓	✓
Return - Kits from shop to Crib	✓				✓	✓
Withdraw - Issue Assemblies to Shop Floor	✓					✓
Return - Assemblies from shop to Crib	✓					✓
Find - Locate Assemblies in crib, shop floor, rework	✓					✓
Build & Dismantle Assemblies	✓				▮	▮
Withdraw - Issue Gages/GFI's/ITI's to Shop Floor	✓	○				✓
Return - Gages/GFI's/ITI's from shop to Crib	✓	○				✓
Send tools from storage direct to Rework	✓	✓				✓
In-Use Tools Transfer/Send for Modification						✓
Advanced Assembly/Kit Control	✓					✓
Scrap Tools	✓	✓		✓	✓	✓
Scrap Comment	✓	✓				
Restock /Order Storage Assignment				✓	✓	✓
Restock/Order Price Change				✓	✓	✓
Restock Order Comment	▮	▮		✓	✓	✓
Printed Transaction Ticket/Receipt	✓	✓	✓	✓	✓	✓
Multiple Transactions	✓	✓	✓	✓	✓	✓
Receive Rework Orders	✓	✓				
Return Stock to Vendor	✓	✓	✓			
Crib Attendants View Reference Information	✓	✓	✓	▮	✓	✓

Functional Comparison of TLC & ATMS System Features

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ATMS	ATMS Lite	ITEM Manager	Toolware Deluxe	TLC Organizer	TLC Professional	Competition
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Tool Supervisory Features	ATMS	ATMS Lite	ITEM Manager	Toolware Deluxe	TLC Organizer	TLC Professional	Competition
Create New Tools in Database	✓	✓	✓	✓	✓	✓	
Edit tools in Database	✓	✓	✓	✓	✓	✓	
Delete Tools in the Database	✓	✓	✓	✓	✓	✓	
Active & Total Inventory Review	✓	✓		✓	✓	✓	
Reset LM, LY, YTD, MTD Usage Counts	✓	✓		✓	✓	✓	
Purge Scrap File History					✓	✓	
Purge Rework History					✓	✓	
Place Tools On-Order	✓	✓		✓	✓	✓	
Copy Tool Data	✓	✓			✓	✓	
Define & Edit Kit(s) (Nested)	✓				✓	✓	
Define Trackable Tool Assemblies	✓				✓	✓	
Define & Edit Preset Information	X	✓			✓	✓	
Reference Files Definition & Edit	X	✓		▶	✓	✓	
Define & Manage Reserved Tools						✓	
Define & Edit Gage/GFI/ITI Items	○	○				✓	
Daily Transaction File (Audit Trail) Control	✓	✓	✓		✓	✓	
Recall Gage/GFI/ITI Inspection Control Functions	○	○				✓	
Accumulate Tool Cost by Job	✓	✓			✓	✓	
Accumulate Tool Cost by Machines, Cost Centers, Cost Accounts	✓	✓			3 rd	3 rd	
Define & Edit Vendor & Alias Reference Files	✓	✓	✓	✓	✓	✓	
Define Inventory Differential Rules	✓	✓		▶	▶	▶	
Define Interrelated Cribs	✓	✓					
Define Multiple Independent Cribs	✓	✓	✓	✓	✓	✓	
Define Crib Consolidation Conditions	✓	✓			▶	▶	
Search Routine Ability							
By Number or Beginning of	✓	✓	✓	✓	✓	✓	
- Contains, Matches, Preferred tools	✓	✓					
- Popup List by Input Category (tool, User, Job, etc.)				✓	✓	✓	
Family or Auxiliary Commodity Code	✓	✓	✓	✓	✓	✓	
Short Search Code	✓	✓	✓				
Alternative/Alias Name	✓	✓	✓	✓	✓	✓	
Suppliers Part Number	✓	✓	✓	▶	▶	▶	
Graphical Search							
- 25 configurable geometry fields	✓	✓	✓				
- numeric or alphanumeric	✓	✓	✓				

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	ATMS	ATMS Lite	ITEM Manager	Toolware Deluxe	TLC Organizer	TLC Professional	Competition
Reporting Functions							
Tool Status & Locations	✓	✓	✓	✓	✓	✓	
Tools issued by User	✓	✓		✓	✓	✓	
Tools issued by Machines and Jobs	✓	✓			✓	✓	
Tool Reorder List (by item)	✓	✓	✓	✓	✓	✓	
Tool List by Storage Location	✓	✓	✓	✓	✓	✓	
Storage Location List by Tool	✓	✓	✓	✓	✓	✓	
Tool Usage by YTD, MTD, LM, LY	✓	✓		✓	✓	✓	
Tool Usage by User Defined Periods	✓	✓	✓		○	○	
Active & Total Inventory	✓	✓		✓	✓	✓	
Scrap Tool History	✓	✓		✓	✓	✓	
Rework Inventory - History - Area Activity	✓	✓		✓	✓	✓	
Tools by Classification Code	X	X	✓	✓	✓	✓	
Tools On-Order	X	X	X	✓	✓	✓	
- selectable report sorting conditions	X	X	X	✓	✓	✓	
Overstocked Tools	✓	✓			✓	✓	
Outdated Tools	✓	✓	✓		✓	✓	
Tools/Kits Used in Kits	✓				✓	✓	
Tool Kit Availability	✓				✓	✓	
Tool Assembly Availability	✓					✓	
Report Trackable Assemblies Only	✓					✓	
Kit/Assemblies at Machine Compare						✓	
Assembly/Kit Build & technical specifications	X				◐	◐	
Tool Reorder by Vendor	X	X		✓	✓	✓	
Purchase Order & Requisition Management Information	X	X	✓	✓	✓	✓	
Tool Inventory by Vendor	✓	✓	✓	✓	✓	✓	
Reserved Tool List						✓	
Gage/GFI/ITI Inspection History	○	○				✓	
Gage/GFI's/ITI's Due for & In Inspection	○	○				✓	
Active Summary Inventory	✓	✓		✓	✓	✓	
Total Summary Inventory	✓	✓		✓	✓	✓	
Auxiliary or Group Commodity Code	X	X	✓	✓	✓	✓	
Multiple Independent Cribs	X	X		✓	✓	✓	
Inter-related Tool Crib Reporting	✓						
Consolidated Cribs Reporting	✓				◐	◐	
Report Sorting by fields in report	✓	✓	✓	✓	✓	✓	
Seq./Sort Reports by Tool Type				✓	✓	✓	
Job Costing (Budget & Cost Center)	X	X	✓	✓	✓	✓	
Customized Reports	◐	◐	◐	○	○	○	
Extended Reporting Packages (Management & Exceptions)	3 rd	3 rd	3 rd	○	○	○	

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ATMS	ATMS Lite	ITEM Manager	Toolware Deluxe	TLC Organizer	TLC Professional	Competition
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Master Data File Specifications						
Tool Number assignment & description	✓	✓	✓	✓	✓	✓
Tool Type Identifier:						
- Consumable (perishable)	✓	✓	✓	✓	✓	✓
- Semi durable (perishable returnable)	✓	✓		✓	✓	✓
- Durable	✓	✓		✓	✓	✓
- Permanent Issue (Durable non-returnable)	✓	✓		✓	✓	✓
- Spare	✓	✓		◐	◐	
- Individually Traceable Items ITI's (GFI's)	○	○			✓	
- Gage Fixture Inspectable Item GFI	○	○			✓	
- Assembly	✓				✓	
- Returnable assignment to an Assembly, GFI, Perishable, Durable				✓	✓	✓
- Non-Returnable assignment to an Assembly, GFI, Perishable, Durable				✓	✓	✓
Include Revision Level, Manufacturer & Supplier Part Numbers	✓	✓	✓			
Multiple Unit of Measure Definitions	✓	✓	✓			
Multiple Storage Locations (2 locations per Crib)	X	X	X	✓	✓	✓
Automated Storage Unit Locations	✓	✓	✓	◐	◐	◐
Alias - Alternate Tool Number (2 dimension elements)	✓	✓	✓	✓	✓	✓
Family Group Code - 25 search elements	✓	✓				
Family Code Graphics	✓	✓				
Multiple Suppliers - Multiple Pricing	✓	✓		◐	◐	◐
Minimum/Maximum Reorder Point Control	✓	✓	✓	✓	✓	✓
EOQ	✓	✓	✓	✓	✓	✓
Tool Maintenance Data	✓	✓	✓			
Tool production, machining & technology data	✓	✓				
Tool Graphic Drawing Link	✓	✓	✓	◐	◐	◐
Tool Text-technology data file Link	✓	✓	✓	◐	◐	◐
Tool Assembly Connection data	✓					
Automatic Tool Number Generator	✓	✓		3 rd	3 rd	3 rd
Audit Trail - Transaction Recording						
Coded Individual Transactions	✓	✓	✓		✓	✓
Dated transaction in chronological order	✓	✓	✓		✓	✓
Time period stamped	✓	✓	✓			
Non editable	✓	✓	✓		✓	✓
ISO 9000	✓	✓	✓		✓	✓
All transactions all occurrences by transaction	✓	✓			✓	✓

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ATMS	ATMS Lite	ITEM Manager	Toolware Deluxe	TLC Organizer	TLC Professional	Competition
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Master Data File Specifications - cont'd						
Tool Kits						
Standard Info, Number Description	✓				✓	✓
Unlimited Nesting (Kits within Kits)	◐				X	X
Include Preset Info	✓				✓	✓
Include Assemblies	✓					✓
Standard Edit, List, Copy, Print support	✓				✓	✓
Include new or used tooling					✓	✓
Include gages (GFI or ITI)	○					✓
Auto Kit Number Generator	✓					
Track all items in kit	✓				X	X
Tool Assemblies						
Standard Info, Number Description	✓					✓
Unlimited Nesting (items & kits)	◐					X
Include Spares	✓					◐
Same definition limits as with Tool Items	✓					✓
Same Edit abilities as with tool items & kits	✓					✓
Track assembly	✓					✓
Track all items in assembly	✓					X
Tool item connectivity checking	✓					
Build & Dismantle instructions	✓					◐
Auto Assembly Number Generator	✓					
Assign tech data for torque, feeds & speeds	X					◐
Preset data definition	X					✓
Purchasing Information	X					✓
Period Management	✓					◐
Support Files						
Suppliers Vendors	X	X	◐	✓	✓	✓
Preset Adapter definitions	✓					
Machine Groups Identification	✓	✓			✓	✓
Cost Center (usage consumption)	X	X	X		○	○
Connectivity definition	✓	✓	✓			
Job Numbers	X	X	X	✓	✓	✓
Material reference	✓	✓	✓			
Users	✓	✓	✓	✓	✓	✓
Rework Areas	✓	✓		◐	◐	◐
Budget Codes	✓	✓	✓			
Machine Properties	✓	✓	✓			
Purchasing Specifications	X	X	X	✓	✓	✓
Period Management	X	X		✓	✓	✓

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ATMS	ATMS Lite	ITEM Manager	Toolware Deluxe	TLC Organizer	TLC Professional	Competition
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System Management						
Login-Password Security - Provided by O/S	X	X		✓	✓	✓
Command Function Access Control	✓	✓	✓			
Data File Utilities - i.e., Repair, Dump, Load	✓	✓	✓	✓	✓	✓
Multi-Independent Crib Database Control	✓	✓	✓	✓	✓	✓
System Maintenance						
User Attended Maintenance	✓	✓		✓	✓	✓
Multi-level	✓	✓				
Color Set-up	✓	✓	✓	◐	◐	◐
List Maintenance (default lists)	✓	✓	✓			
Import Utilities	✓	✓	✓	✓	✓	✓
Export Utilities	✓	✓	✓	✓	✓	✓
Storage Location Configuration	✓	✓		◐	◐	◐
Database Repair	✓	✓	✓	✓	✓	✓
Help						
On-Line Help	✓	✓	✓	◐	◐	◐
On-Line Error Notification	✓	✓	✓	✓	✓	✓
Quick Start Manual	✓	✓	✓		✓	✓
Tool Tips	✓	✓	✓			
In-Plant Training (Fee Charged)	✓	✓	✓	✓	✓	✓
Graphics						
BMP, DXF, GIF, JPEG, WMF	✓	✓	✓	3 rd	3 rd	3 rd
External 3 rd Part Viewers	✓	✓		✓	✓	✓
Link Graphic to Kit or Assembly	✓				◐	◐
Data Security						
Multi-tier Security	✓	✓				
Password Control	✓	✓				
System Set Restrictive Environments				✓	✓	✓
User Set Environments	✓	✓	✓	✓	✓	✓

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ATMS	ATMS Lite	ITEM Manager	Toolware Deluxe	TLC Organizer	TLC Professional	Competition
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Warranty		ATMS	ATMS Lite	ITEM Manager	Toolware Deluxe	TLC Organizer	TLC Professional	Competition
Standard 30 Day Warranty		✓	✓	✓	✓	✓	✓	
Extended to 1 year with Training & Installation		✓	✓	✓	✓	✓	✓	
Maintenance								
Remedial, Updates, Enhancement		✓	✓	✓	✓	✓	✓	
Telephone		✓	✓	✓	✓	✓	✓	
Training								
On-Site		✓	✓	✓	✓	✓	✓	
Fee Charged		✓	✓	✓	✓	✓	✓	
Licensing								
Single user				✓	L	L	L	
Multi user		✓	✓	✓	✓	✓	✓	
Site License		✓	✓		✓	✓	✓	
Rental Terms		✓					✓	
CPU License		✓	✓	✓	✓	✓	✓	
Protected Code Device		✓	✓	✓	✓	✓	✓	
Demo/Loaner Program Available		✓					✓	
Application Consulting								
Fee Charged		✓	✓	✓	✓	✓	✓	
<p>Specifications & Features have been summarized in this document. To evaluate all TLC or ATMS's capabilities a special Trial Loaner system can be installed at your location for extensive testing for 120 days. Call ITC or our representative in your area for details.</p> <p>Features change as revisions and enhancements are made to the systems. A good way of keeping up with our Tool Management System improvements is to subscribe to the Tool Management News, a newsletter available through Email to all our customers and other interested parties. To subscribe, send your Email address to the Contact below or to our Websites at http://www.itctoolman.com</p>								

Functional Comparison of TLC System Features & Commands

ToolwareDeluxe

TLC Organizer

TLC Professional

Competition

	ToolwareDeluxe	TLC Organizer	TLC Professional	Competition		ToolwareDeluxe	TLC Organizer	TLC Professional	Competition
Tool Crib Station Features					System Management				
Withdraw - Issue tools	●	●	●		Login-Password Security - Provided by O/S	●	●	●	
Return Tools from shop to Crib	●	●	●		Command Function Access Control	●	●	●	
Find - Locate Tools, in crib, shop floor, rework	●	●	●		Data File Utilities - i.e., Repair, Dump, Load	●	●	●	
Receive New Tools to Inventory	●	●	●		Multi-Independent Crib Database Control	●	●	●	
Search by Tool Classification, Auxiliary Code	●	●	●		Reporting Functions				
Adjust Quantity or change Storage Location	●	●	●		Tool Status & Locations	●	●	●	
Return Tools from Repair areas or vendors	●	●	●		Tools issued by User	●	●	●	
List tools in-use with Users	●	●	●		Tools issued by Machines and Jobs		●	●	
Track Tools in use by Machine-Job-User	●	●	●		Tool Reorder List	●	●	●	
Kit Issues & Returns (Manual or Automatic)		●	●		Tool List by Storage Location	●	●	●	
View or print a Tool Kits Contents		●	●		Storage Location List by Tool	●	●	●	
Active & Total Inventory Review	●	●	●		Tool Usage by YTD, MTD, LM, LY	●	●	●	
Alias Information & Cross Reference Display	●	●	●		Active & Total Inventory	●	●	●	
Alias Tool Number Control	●	●	●		Scrap Tool History	●	●	●	
Vendor Information Display	●	●	●		Rework Inventory List	●	●	●	
Full Reference File Information Display		●	●		Tools by Classification Code	●	●	●	
GFI Inspection Control Functions			●		Tools On-Order	●	●	●	
Advanced Assembly/Kit Control			●		Rework Tool History		●	●	
In-Use Tools Transfer/Send for Modification			●		Overstocked Tools		●	●	
Tool Supervisory Features					Outdated Tools				
Create New Tools in Database	●	●	●		Tools/Kits Used in Kits		●	●	
Edit tools in Database	●	●	●		Tool Kit Availability		●	●	
Delete Tools in the Database	●	●	●		Tool Reorder by Vendor	●	●	●	
Active & Total Inventory Review	●	●	●		Tool Inventory by Vendor	●	●	●	
Reset LM, LY, YTD, MTD Usage Counts	●	●	●		Reserved Tool List			●	
Purge Scrap File History	●	●	●		GFI Inspection History			●	
Purge Rework History		●	●		GFI's Due for & In Inspection			●	
Place Tools On-Order	●	●	●		Seq./Sort Reports Tool Type	●	●	●	
Copy Tool Data		●	●		Report Trackable Kits Only			●	
Define & Edit Kit (Nested)		●	●		Kit/Assemblies at Machine Compare			●	
Define Trackable Tool Assemblies			●		Operating Systems Supported				
Define & Edit Preset Information		●	●		Windows 9X, Windows NT, Novell, UNIX,	●	●	●	
Reference Files Definition & Edit		●	●		AIX, SUN O/S, HP/UX, DEC Unix, Linux	●	●	●	
Define & Manage Reserved Tools			●		EDI/Bar Code Compatibility	●	●	●	
Define & Edit GFI Items		●	●		General				
Daily Transaction File (Audit Trail) Control		●	●		Multi-Copy Discount- Included in pricing	●	●	●	
GFI Inspection Control Functions			●		Trade In Credits-ITC, Kennametal & Others	●	●	●	
Accumulate Tool Cost by Job		●	●		1 yr. Software Warranty- incl. with training.	●	●	●	
Define & Edit Vendor & Alias Reference Files	●	●	●		TLC AutoOrder Option Compatible	●	●	●	

ITEM MGR.

An entry-level product that provides basic item control, only available in partnership with a tool manufacturer or distributor.

ATMS LITE

A full inventory, purchasing and tool tracking system, including rework control, budget information and comprehensive reporting.

ATMS

The full tool management system with all the features of ATMS Lite but adding assembly and kit control.

	I T E M M G R .	A T M S L I T E	A T M S
MASTER DATA			
Single User	☐		
Multi-user			
● Multi-user		☐	☐
● SQL (database independent) record		☐	☐
● Maximum number of users dependent on hardware/database employed		☐	☐
Database			
● Access	☐	☐	☐
● SQL (optional)		☐	☐
● Oracle (optional)		☐	☐
Documentation			
● Full manual		☐	☐
● Quick start manual	☐	☐	☐
● CD distribution	☐	☐	☐
User Interface			
● Menu driven with master menu taking the user to:	☐	☐	☐
definition menu	☐	☐	☐
stores menu	☐	☐	☐
quick tool menu	☐	☐	☐
purchasing menu	☐	☐	☐
reports menu	☐	☐	☐
administration menu		☐	☐
Data security			
● Multi-tier access security		☐	☐
● Password control		☐	☐
Recommended hardware			
● Pentium P200	☐	☐	☐
● 64MB RAM	☐	☐	☐
● SVGA screen (800 x 600 minimum resolution)	☐	☐	☐

	I T E M M G R .	A T M S L I T E	A T M S
Network			
● Any compatible network	☐	☐	☐
Operating system			
● Windows 95, 98, 2000	☐	☐	☐
● Windows NT 4.0	☐	☐	☐
System Maintenance			
● User Access maintenance		☐	☐
● Multi level		☐	☐
● Colour set-up	☐	☐	☐
● List maintenance (default lists)	☐	☐	☐
● Import utilities	☐	☐	☐
● Export utilities	☐	☐	☐
● Stores locations configuration		☐	☐
● Database repair	☐	☐	☐
Interfaces			
● Excel import/export	☐	☐	☐
● CAD		☐	☐
● CAM			☐
● AS/RS		☐	☐
● Presetting machines			☐
● MRP		☐	☐
● Purchasing	☐	☐	☐
● SPS e-storage units		☐	☐
Help			
● Tool tips	☐	☐	☐
● On line help	☐	☐	☐
● Application support manual		☐	☐
● Quick start manual	☐	☐	☐
Graphical Support			
● BMP	☐	☐	☐
● DXF	☐	☐	☐

	I T E M M G R	A T T R I B U T E S	A T T R I B U T E S
● GIF	⊘	⊘	⊘
● JPEG	⊘	⊘	⊘
● WMF	⊘	⊘	⊘
● External viewers		⊘	⊘
Tools (items)			
● Tool number	⊘	⊘	⊘
● Description	⊘	⊘	⊘
● Item type	⊘	⊘	⊘
consumable	⊘	⊘	⊘
semi durable		⊘	⊘
durable		⊘	⊘
permanent issue		⊘	⊘
spares		⊘	⊘
individually traceable items (ITI – Release 2)		⊘	⊘
● Revision or release number	⊘	⊘	⊘
● Preferred item status		⊘	⊘
● Alternative I.D. (alias)	⊘	⊘	⊘
● Unit of measure	⊘	⊘	⊘
● Stocking data three quantities	⊘	⊘	⊘
● Three stores locations (per stores)	⊘	⊘	⊘
● Actual quantities three locations	⊘	⊘	⊘
● Automated storage location indicator – Release 2		⊘	⊘
● Powerful search facilities	⊘	⊘	⊘
● Family graphic	⊘	⊘	⊘
● Short search graphic	⊘	⊘	⊘
● Geometry 25 fields custom named		⊘	⊘
● Multiple prices per supplier (10)	⊘	⊘	⊘
● Price code	⊘	⊘	⊘
● Multiple suppliers (unlimited)		⊘	⊘
● Price comment	⊘	⊘	⊘
● Multi currency Release 2		⊘	⊘
● Lead time days	⊘	⊘	⊘
● Supplier number	⊘	⊘	⊘
● Preferred supplier		⊘	⊘
● Packet size	⊘	⊘	⊘
● Maintenance data	⊘	⊘	⊘
● Graphic support data link (path)	⊘	⊘	⊘
● Text support data link (path)	⊘	⊘	⊘
● Technology data for multiple materials/parts		⊘	⊘

	I T E M M G R	A T T R I B U T E S	A T T R I B U T E S
speed		⊘	⊘
feed		⊘	⊘
life		⊘	⊘
torque		⊘	⊘
Material/component colour coding		⊘	⊘
● Spares listing (durables)		⊘	⊘
● Auto number generator		⊘	⊘
Tool Assemblies			
● Assembly number			⊘
● Description			⊘
● Issue			⊘
● Machine group used on			⊘
● Stocking data two quantities			⊘
● Two stores location per stores			⊘
● Actual quantities two quantities			⊘
● Same family info as items			⊘
● Tool lists			⊘
● Unlimited items			⊘
● New/used check			⊘
● Sort/edit/delete routines			⊘
● Powerful search facility			⊘
● Presetting data			⊘
multiple edge (10)			⊘
X diameter/radius/off			⊘
edge life data			⊘
X Z values			⊘
X Z increment from previous value			⊘
tolerance			⊘
tolerance factor			⊘
tool nose radius compensation			⊘
metric/inch			⊘
preset adaptor			⊘
absolute/incremental			⊘
● Graphic support data (path)			⊘
● Text support data (path)			⊘
● Build instructions			⊘
● Dismantle instructions			⊘
● Technology data for multiple materials/parts			⊘
speed			⊘
feed			⊘
life			⊘
torque			⊘
material/component colour coding			⊘

	I T E M M G R .	A T M S L I T E	A T M S
● Individual assembly note details			⊖
● Auto number generator			⊖
Tool kits			⊖
● Kit assembly number			⊖
● Description			⊖
● Issue			⊖
● NC program number			⊖
● Part number			⊖
● Part number issue			⊖
● Powerful search facility			⊖
● Machine group information			⊖
● Unlimited items/assembly list			⊖
● New/either rule			⊖
● Pocket position			⊖
● Measurement rule			⊖
● Sort/edit/delete routines			⊖
● Graphical support data (path)			⊖
● Text support data (path)			⊖
● Kit management file			⊖
● Auto number generator			⊖
Audit trail			
● Coded individual transactions	⊖	⊖	⊖
● Time, date, period stamp	⊖	⊖	⊖
● Non editable	⊖	⊖	⊖
● ISO9000	⊖	⊖	⊖
● Transaction by/transaction for		⊖	⊖
STOCK CONTROL			
Stores control			
● Issue to machine and or job and or user	⊖1	⊖1	⊖
● Issue items (or assemblies or kits)	⊖1	⊖1	⊖
● Return items (or assemblies or kits)		⊖	⊖
● Swap items (or assemblies)		⊖	⊖
● Interconnect issue/swap/return single button press		⊖	⊖
● Build assemblies			⊖
● Unbuild assemblies			⊖

	I T E M M G R .	A T M S L I T E	A T M S
● Assembly stock control			⊖
● Send to rework internal or external		⊖	⊖
● Rework comment		⊖	⊖
● Return from rework internal		⊖	⊖
● Scrap		⊖	⊖
● Scrap comment		⊖	⊖
● Multiple transactions		⊖	⊖
● Goods receiving new	⊖	⊖	⊖
● Goods receiving rework		⊖	⊖
● Powerful search routines	⊖	⊖	⊖
● Printed tickets/receipts	⊖	⊖	⊖
● Return to vendor	⊖	⊖	⊖
Inventory control			
● Differential inventory rules		⊖	⊖
● Min/max	⊖	⊖	⊖
● Lead time	⊖	⊖	⊖
● Stores stocks	⊖	⊖	⊖
● In use		⊖	⊖
● On order	⊖	⊖	⊖
● User set factors by %:Release 2		⊖	⊖
in use “		⊖	⊖
in rework “		⊖	⊖
type “		⊖	⊖
Purchasing			
● Manual	⊖	⊖	⊖
● Assisted	⊖	⊖	⊖
● Automatic (vending machine)		⊖	⊖
● Rework		⊖	⊖
● Budgets	⊖	⊖	⊖
● Blanket (contract)	⊖	⊖	⊖
● Scheduled (Release 2)		⊖	⊖
● Requisition output	⊖	⊖	⊖
● Order output	⊖	⊖	⊖
● Output methods	⊖	⊖	⊖
file	⊖	⊖	⊖
paper	⊖	⊖	⊖
fax	⊖	⊖	⊖
EDI	⊖	⊖	⊖
e-mail	⊖	⊖	⊖

Note 1: Items only Note 2: One only

	I T E M M G R .	A T M S L I T E	A T M S
● History	⊘	⊘	⊘
● Multi currency Release 2		⊘	⊘
● Link to MRP type systems input/output		⊘	⊘
● Return to vendor		⊘	⊘
● Goods received	⊘	⊘	⊘
Period Management			
● Variable periods		⊘	⊘
SUPPORT DATA			
Suppliers			
● One supplier only	⊘		
● Supplier number		⊘	⊘
● Supplier name	⊘	⊘	⊘
● Supplier address 3 lines each	⊘	⊘	⊘
● Post code	⊘	⊘	⊘
● Contact data	⊘	⊘	⊘
Contact name	⊘	⊘	⊘
Customer number	⊘	⊘	⊘
E-mail address	⊘	⊘	⊘
Telephone number	⊘	⊘	⊘
Fax number	⊘	⊘	⊘
Minimum order value	⊘	⊘	⊘
Order transport method	⊘	⊘	⊘
Preset adaptors			
● Adaptor name			⊘
● Description			⊘
● Adaptor offset X			⊘
● Adaptor offset Z			⊘
● Metric/inch			⊘
Machine Groups			
● Machine group name		⊘	⊘
● Description		⊘	⊘
● Adaptor number		⊘	⊘
Cost centres (against usage)			
● Cost centre name	⊘	⊘	⊘
● Description	⊘	⊘	⊘
● Cost centre period	⊘	⊘	⊘
● Start date	⊘	⊘	⊘

	I T E M M G R .	A T M S L I T E	A T M S
● Finish date	⊘	⊘	⊘
Materials			
● Material/part name	⊘	⊘	⊘
● Description	⊘	⊘	⊘
● Standard	⊘	⊘	⊘
● Material colour coding	⊘	⊘	⊘
Rework			
● Rework name		⊘	⊘
● Rework description		⊘	⊘
● Internal rework		⊘	⊘
● External rework supplier		⊘	⊘
● Indexable data		⊘	⊘
● Number of edges		⊘	⊘
● Cost per edge value		⊘	⊘
● Number of reworks		⊘	⊘
● Increments		⊘	⊘
● Inch/metric		⊘	⊘
● Cost of rework		⊘	⊘
Users			
● User name	⊘	⊘	⊘
● Description	⊘	⊘	⊘
● Department	⊘	⊘	⊘
● Cost centre	⊘	⊘	⊘
● Number of tools allowed	⊘	⊘	⊘
Jobs			
● Job number	⊘	⊘	⊘
● Description	⊘	⊘	⊘
● Start date	⊘	⊘	⊘
● End date	⊘	⊘	⊘
● Cost centre	⊘	⊘	⊘
● Batch size	⊘	⊘	⊘
Machines			
● Machine name	⊘	⊘	⊘
● Description	⊘	⊘	⊘
● Department	⊘	⊘	⊘

Note 1: I tems only Note 2: One only

	I T E M	A T M S	A T M S
	M G R	L I T E	
● Cost centre	☐	☐	☐
● Machine group	☐	☐	☐
● Cost		☐	☐
● Machine properties		☐	☐
speed		☐	☐
units of speed		☐	☐
power		☐	☐
units of power		☐	☐
feed		☐	☐
units of feed		☐	☐
torque		☐	☐
units or torque		☐	☐
coolant		☐	☐
pressure		☐	☐
units of pressure		☐	☐
● Machine carousel		☐	☐
pockets		☐	☐
maximum width without empty pockets		☐	☐
maximum width with empty pockets		☐	☐
maximum weight		☐	☐
maximum length		☐	☐
● Preset adaptor			☐
preset adaptor			☐
type			☐
size			☐
Budgets (against purchase)			
● Budget number		☐	☐
● Description		☐	☐
● Budget period		☐	☐
● Budget year		☐	☐
● Start date		☐	☐
● End date		☐	☐
Search routines			
● By number	☐	☐	☐
● Description	☐	☐	☐
● Family	☐	☐	☐
● Short search code	☐	☐	☐
● Supplier's part number	☐	☐	☐
● Alternative (alias) number	☐	☐	☐
● Search	☐	☐	☐
beginning with	☐	☐	☐

	I T E M	A T M S	A T M S
	M G R	L I T E	
contains	☐	☐	☐
matches	☐	☐	☐
preferred tool	☐	☐	☐
● Search for			
items	☐	☐	☐
assemblies			☐
kits			☐
● Graphical search	☐	☐	☐
tree structure	☐	☐	☐
25 configurable geometry fields		☐	☐
numerical/alpha numeric	☐	☐	☐
between	☐	☐	☐
REPORTING			
Items			
● Details	☐	☐	☐
● In use		☐	☐
machine		☐	☐
job		☐	☐
user		☐	☐
● Usage history	☐	☐	☐
● In rework by department		☐	☐
● On order by	☐	☐	☐
supplier		☐	☐
order number	☐	☐	☐
date	☐	☐	☐
order type	☐	☐	☐
● Requires order by	☐	☐	☐
type		☐	☐
combined		☐	☐
● Locations	☐	☐	☐
● Outdated	☐	☐	☐
Assemblies			
● Details			☐
● In use			☐
machine			☐
job			☐
user			☐
● Usage history			☐
● Build assemblies			☐
● Locations			☐
● Outdated			☐
● Contents			☐
● Where used			☐
● Availability			☐

Note 1: Items only Note 2: One only

	I T E M M G R .	A T M S L I T E	A T M S
Kits			
● Details			⊘
● In use			⊘
machine			⊘
job			⊘
user			⊘
● Usage history			⊘
● Outdated			⊘
● Contents			⊘
● Where used			⊘
● Availability			⊘
Listings			
● Machine	⊘	⊘	⊘
● Job	⊘	⊘	⊘
● User	⊘	⊘	⊘
● Supplier	⊘2	⊘	⊘
● Budgets	⊘	⊘	⊘
● Cost centres	⊘	⊘	⊘
● Adaptors		⊘	⊘
● Machines		⊘	⊘
● Items	⊘	⊘	⊘
● Assemblies			⊘
● Kits			⊘
Report Output			
Fully Configurable Output	⊘	⊘	⊘
● Screen	⊘	⊘	⊘
● Standard Windows printers	⊘	⊘	⊘
● File	⊘	⊘	⊘
● A4	⊘	⊘	⊘
● Letter	⊘	⊘	⊘
● Landscape	⊘	⊘	⊘
● Graphics included	⊘	⊘	⊘
LICENSING			
● Single User	⊘		
● Two (2) User		⊘	⊘
● Five (5) User		⊘	⊘
● Ten (10) User		⊘	⊘

	I T E M M G R .	A T M S L I T E	A T M S
● Unlimited		⊘	⊘
SUPPORT			
● Annual fixed fee	⊘	⊘	⊘
● Telephone	⊘	⊘	⊘
● On Site	⊘	⊘	⊘
● Application	⊘	⊘	⊘

Note 1: Items only Note 2: One only