

Unity Shop Floor Module

In today's fast paced and competitive Manufacturing environments it is important to monitor your shop floor accurately and timely. Tracking Work-In-Progress can be critical to the level of success your company will achieve. The Unity Shop Floor Module has been designed to assist you in gathering shop floor data into TIW WorkShop.

Features of Shop Floor Module

Validates All Imported Data against TIW WorkShop data and accounting system data when linked as well as validating against it's own internal database tables.

Matches Clock In's and Clock Out's.

Links to TIW Workshop 32 or 16 bit version, Creating an External Posting File. Or, Shop Floor can be configured to run stand-alone without being linked to TIW WorkShop. Provides support for WorkShop linked to ACCPAC Pro Series, Vision Point, AccountMate VAM/LAN, AccountMate VAM/SQL, or stand alone.

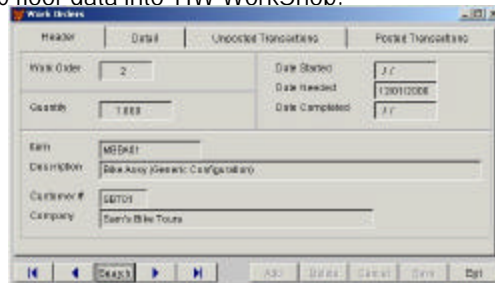
Employee Table is combined with Time module for single point of data entry. Standard labor rates for labor transactions can be set up here as well as categorizing employees by organizational levels. If linked to TIW WorkShop and the Cost module is not used, the employee table can still populate labor transactions with the appropriate labor rates. Standard or Actual Labor Rates can be used.

Multi-Company Support.

Data Collection Hardware Support. Unity software works with Videx LaserLite Pro™ portable data collection units or can be configured to work with other hardware/software such as the Unity RTP or RTPe module. Twelve different applications are included for the Videx LaserLite Pro™.

User Level Security, with login and password.

Work Order and Employee Badge Reports include bar codes



Work Order Screen for quick inquiries to view transactions that have been posted and that have not yet posted to a particular work order. The new screen also allows for adding work orders to a table when Unity is not linked to TIW WorkShop.

Material Issue On Hand Check. If the item is not found at the given location it will try to find an alternate location.

Auto OS Transaction. OS transactions are automatically issued when another transaction is issued and the OS has not already been issued.

Employee Performance Report compares actual employee performance to the standards established in the TIW WorkShop Route module.

Split Time on Overlapping Labor feature will optionally divide the time between multiple work orders/operations when an employee is clocked into more than one operation at a time. It will adjust the time based on the number of concurrent jobs and then divide the time evenly between those concurrent jobs.

Microsoft Visual FoxPro 6.0 is the powerful database and OOP (object oriented programming) language which powers Unity.

Customizable, source code included.

Standard Reports

Bar Coded Work Order
Preview External Post
External Posting
Employee Performance
Transaction History by Employee
Bar Coded Employee Badges
Transaction Code List
Active Users

System Requirements

TIW WorkShop
Workstation: Intel Pentium 133 or faster
At least 32 MB RAM
Windows 98, Windows95 or Windows NT 4.0 or 2000 WS
Microsoft Mouse or compatible
Network Interface Card

Printers: Full HP LaserJet III or later compatible printer (recommended)

Server: Intel Pentium 200 or faster
At least 128 MB RAM
Novell 3.12 or later or Microsoft Windows NT Server 4.0 or later
Network Interface Card
Please refer to NOS Documentation for further requirements

Technical Support

Free standard e-mail and telephone support plan included with purchase. Standard support plan offers you 6 months or 90 minutes of technical support via telephone, fax or e-mail

Call or ask your reseller for pricing information.

US Software

Unique Solutions Software, Inc.
520 Main Street Suite 3
PO Box 700
Pecatonica, IL 61063
Phone: 815.239.1868
Fax: 815.239.1926

Website: www.unitydc.com
E-Mail: info@unitydc.com

Unity Shop Floor Module

Additional Features of Shop Floor Module

Standard or Actual Labor Rates can be used for labor transactions.



Pop-Up Calendar feature for all date entry fields.

Work Order Report can be used a work order traveler in your shop and includes bar codes for fast accurate data entry.

Multi-Company Support.

Drill-down feature has been added to the work order inquiry screen which hyper-links that screen to the preview external post screen as well as the transaction history screen. This allows users to drill-down and edit an individual transaction from the work order inquiry screen.

Accountability for each transaction is accomplished by tracking each of those transactions by an employee.

Serial Numbers are supported.

Lot Numbers are supported.

Multiple Locations, Stores and Bins are supported.

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Unity Time Module

The Unity Time Module has been designed to assist you in gathering time and attendance data into your payroll system. With the use of bar code data collection equipment it is possible to automate your time clock process, while tracking employee attendance and overtime.

Features of Time Module

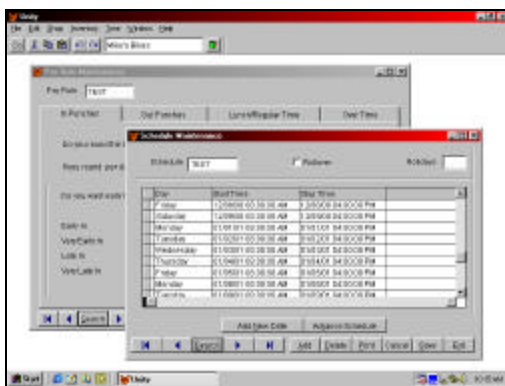
Payroll Systems supported include ACCPAC Pro Series and VisionPoint Payroll. There is also a text file export for linking to additional payroll systems or services.

Overtime Calculations Per Day, Per Week, or Bi-Weekly.

Automated Lunch Deductions are an option. A minimum time worked setting prevents lunch from being deducted if the employee has not worked enough hours for that given day.

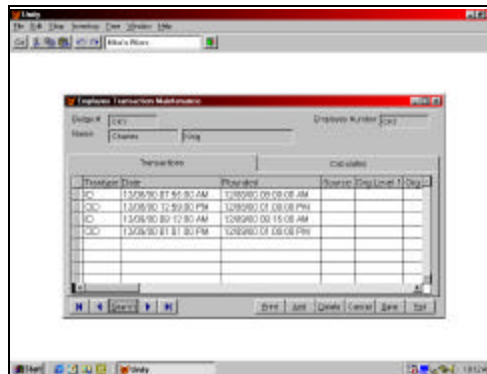
Pay Rules by Employee Supports Configurable Rounding Rules and Overtime Calculations.

Round To Schedule Option.



MDI Interface, The Time module offers a convenient screen-on-screen interface.

Multi-Company Support.



Transaction and Calculation screen is color coded for easier editing of transactions. Transactions can be added or changed before posting to payroll.

Employee File with organizational levels allows employees to be grouped by user defined groups. This means that you can group employees by department, supervisor, shift, cell, etc.

User Level Security, with login and password.

Links to the RTP and RTPe Data Collection System.

Customizable, source code included.

Matches Clock In's and Clock Out's Records in/out for day as well as optional transactions for in/out for lunch (or break).

Standard Reports

- Time Transaction Report
- Attendance Report
- Time Card Report
- Time Comparison Report
- Employee List Report
- Bar Coded Employee Badges
- Active Users

System Requirements

Workstation: Intel Pentium 133 or faster
At least 32 MB RAM
Windows 98, Windows95 or Windows NT 4.0 or 2000 WS
Microsoft Mouse or compatible
Network Interface Card

Printers: Full HP LaserJet III or later compatible printer (recommended)

Server: Intel Pentium 200 or faster
At least 128 MB RAM
Novell 3.12 or later or Microsoft Windows NT Server 4.0 or later
Network Interface Card
Please refer to NOS Documentation for further requirements

Technical Support

Free standard e-mail and telephone support plan included with purchase. Standard support plan offers you 6 months or 90 minutes of technical support via telephone, fax or e-mail

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Unity Time Module

Additional Features of Time Module

Pop-Up Calendar feature for all date entry fields.

ODBC Compliance, means compatibility with common report writers.

Microsoft Visual FoxPro 6.0 is the powerful database and OOP (object oriented programming) language which powers Unity.

Archive History option to archive transaction history data.

Time Comparison Report compares employee time and attendance data to actual job labor time in the shop floor module.

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Unity Inventory Module

Managing inventory can be one of the toughest battles facing your company. But, it doesn't have to be. The Unity Inventory Module can make inventory handling easier and more accurate with the help of barcode data collection. Physical Inventory counts, issues, receipts, and transfers can all be handled through the Unity Inventory Module.

Features of Inventory Module

Links to TIW ALERE? Accounting to provide seamless inventory transactions for issues, receipts, location transfers, and physical inventory counts.

Validates All Imported Data against TIW ALERE? Accounting data as well as validating against its own internal database tables.

Multi-Company Support.

Data Collection Hardware Support. Unity software works with Videx LaserLite Pro™ portable data collection units or can be configured to work with other hardware/software such as the Unity RTP or RTPe module. Twelve different applications are included for the Videx LaserLite Pro™.

User Level Security, with login and password.

Employee Organizational Levels are user definable and can be used to segregate employees by departments, groups, divisions, supervisors, etc. Each employee can be assigned to as many as five organizational levels.

Inventory Preview Post Report can be used as an error report after posting transactions or as a check point prior to posting transactions.

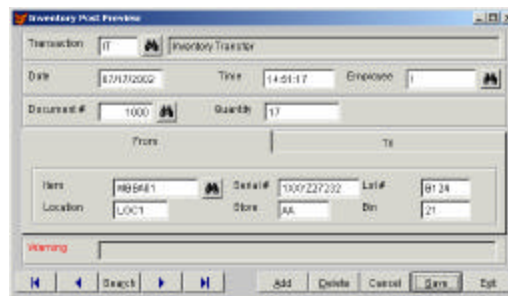
Transaction History Report can show transactions, by employee, type, or date.

Supports both standard costing and average weighted costing methods.



Bar Coded Inventory Labels can be printed in a variety of preset standard label sizes or can be customized to your specific requirements.

Every transaction is tracked by employee, giving you a complete audit trail of all transactions.



Microsoft Visual FoxPro 6.0 is the powerful database and OOP (object oriented programming) language which powers Unity.

Customizable, source code included.

Standard Reports

Bar Coded Inventory Labels
Inventory Preview Post Report
Transaction History by Employee
Bar Coded Employee Badges
Active Users

System Requirements

TIW ALERE? Accounting
Workstation: Intel Pentium 133 or faster
At least 32 MB RAM
Windows 98, Windows95 or Windows NT 4.0 or 2000 WS
Microsoft Mouse or compatible
Network Interface Card

Printers: Full HP LaserJet III or later compatible printer (recommended)

Server: Intel Pentium 200 or faster
At least 128 MB RAM
Novell 3.12 or later or Microsoft Windows NT Server 4.0 or later
Network Interface Card
Please refer to NOS Documentation for further requirements

Technical Support

Free standard e-mail and telephone support plan included with purchase. Standard support plan offers you 6 months or 90 minutes of technical support via telephone, fax or e-mail

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Unity Real Time Polling (Ethernet Edition)

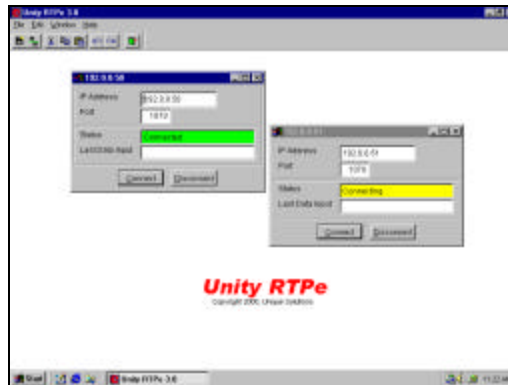
In today's fast paced and competitive Manufacturing environments it is important to monitor your shop floor accurately and timely. Tracking Work-In-Progress can be critical to the level of success your company will achieve. The Unity Real Time Polling Ethernet Edition has been designed to assist you in gathering data into Unity Shop Floor.

Features of Unity RTPe

- ◆ Validates Data On Entry Against TIW WorkShop and Accounting System Data
- ◆ Links to Unity Shop Floor, Populating the Preview External Post File
- ◆ Option to Automatically Create External Posting File in Shop Floor Module and to Post that file in TIW WorkShop on a Timed Interval
- ◆ Multi Company Support
- ◆ Data Collection Program Prompts For Required Information Only
- ◆ Customizable, Source Code Included
- ◆ Written in Microsoft Visual FoxPro™ 6.0
- ◆ Optional Time Display
- ◆ Records Time to the Second
- ◆ Each Data Collection Terminal Can be Taken Online or Offline Independently

Features of ComputerWise ET205 Terminal

- ◆ Rugged Industrial Grade Hardware
- ◆ 2 Line Display
- ◆ 24 Key Alphanumeric Keypad
- ◆ TCP/IP Communications
- ◆ 10Mbps UTP Ethernet Interface
- ◆ Powered by a 12v DC Power Supply With a Typical Consumption of Less Than 10 Watts
- ◆ Bar Code Device Interface for Optional Bar Code Wand, CCD, or Laser Scanner



Unity RTPe has a friendly user interface that can show you which terminals are currently connected and displays their current status.



The Computerwise ET215 Terminal is designed for the tough shop environment. The rugged steel case and membrane keyboard make it an ideal data collector for the shop floor.

System Requirements

TIW WorkShop
Unity Shop Floor
Workstation: Intel Pentium 133 or faster
At least 32 MB RAM
Windows 98, Windows95 or Windows NT 4.0 WS
Microsoft Mouse or compatible
TCP/IP 10 BaseT Ethernet Network

Technical Support

Free QTP E-mail and telephone support plan included with purchase. QTP support plan offers you 6 months or 90 minutes of technical support via telephone, fax or e-mail.

Hardware

ET215 Terminal
ET215WM Wall-Mount Terminal
WA6100 Stainless Steel Wand
CF-1KB 3" CCD Scanner
Q-6000 Laser Scanner

Call or ask your reseller for pricing information.

US Software

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Unity Real Time Polling Module

In today's fast paced and competitive Manufacturing environments it is important to monitor your shop floor accurately and timely. Tracking Work-In-Progress can be critical to the level of success your company will achieve. The Unity Real Time Polling Module has been designed to assist you in gathering shop floor data into Unity Shop Floor.

Features of Real Time Polling Module

- ◆ Validates Data On Entry Against TIW WorkShop and SBT Accounting Systems Data
- ◆ Friendly, Easy to Use Interface
- ◆ Links to Unity Shop Floor, Populating the Preview External Post File
- ◆ Option to Automatically Create External Posting File in Shop Floor Module and to Post that file in TIW WorkShop on a Timed Interval
- ◆ Multi Company Support
- ◆ Data Collection Program Prompts For Required Information Only
- ◆ Customizable, Source Code Included
- ◆ Written in Microsoft Visual FoxPro™ 6.0
- ◆ ODBC Compliant

Features of ComputerWise TNET Hardware

- ◆ Dedicated RS-422/485 Data Collection Network
- ◆ Up to 250 Terminals
- ◆ Rugged Industrial Grade Hardware
- ◆ TIM1B TNET Network Control Unit Can Handle Up to 4 Terminals or Network Hubs.
- ◆ TLD2 TNET Line Drivers (Network Hub) can Handle Up to 6 Terminals or Additional Network Hubs
- ◆ TT5 TNET Terminals Feature a 2 Line Display and 24 Alphanumeric Keypad

TransTerm 5



TIM1B TNET Network Control Unit



TLD2 TNET Line Driver



System Requirements

TIW WorkShop
Unity Shop Floor
Workstation: Intel Pentium 133 or faster
At least 32 MB RAM
Windows 98, Windows95 or Windows NT 4.0 WS
Microsoft Mouse or compatible
Network Interface (required for network installs)

Technical Support

Free QTP E-mail and telephone support plan included with purchase. QTP support plan offers you 6 months or 90 minutes of technical support via telephone, fax or e-mail.

Hardware

TIM1B Network Control Unit
TLD2 Line Driver (Network Hub)
TT5 Terminal
HBCS-6300 Steel Wand
CF-1KB 3" CCD Scanner
Q-6000 Laser Scanner

Call or ask your reseller for pricing information.

US Software

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Unity Videx Hardware

In today's fast paced and competitive Manufacturing environments it is important to monitor your shop floor accurately and timely. Tracking Work-In-Progress can be critical to the level of success your company will achieve. The Videx LaserLite Pro™ can assist you in gathering shop floor data into TIW WorkShop.

Videx LaserLite Pro™

LaserLite Pro is an exceptional high performance data collector that offers a multitude of features. It has an alpha numeric keypad designed for one hand use, uses infrared technology for data communications, and offers long-lasting power with an alkaline battery system that gives weeks of use. LaserLite Pro's internal memory provides 128K flash ROM and 256K battery backed RAM.

Metal Cases Protect Like a Coat of Armor

LaserLite Pro is housed in a combination of extruded and cast aluminum. The case design provides moisture and dust-resistance and is powder coated for a lasting, protective finish.

Lasting, Reliable Power

LaserLite Pro ships with four standard AA alkaline batteries that provide over 2000 mAh of power capacity. This three-volt system provides up to 100,000 bar code reads from one set of batteries.

Features of Videx LaserLite Pro™

- Completely Portable Solution
- Long Battery Life (Up to 100,000 Scans on One Set of Batteries)
- Accurate Laser Bar Code Scanning
- Ergonomic Design Provides for One Handed Operation
- Alphanumeric Keypad
- 2 Line LCD Display
- Base Station Can Be Used as a Charger (When using NiMH or NiCD Batteries)
- Runs on Standard AA Alkaline Batteries or NiCD or NiMH
- Lithium Back-up Battery Protects Your Program and Data
- Up to 10 Base Stations can be connected to a single PC



Specifications

Physical: Aluminum Case
Weight: 13.5 oz. (383g)
Memory: 128K flash ROM,
256K Battery Backed RAM
Light Source: Visible laser diode
operating at 670nm +/- 10nm
Scan Rate: 36 +/- 3 scans per second
Scanning Range: 3-20 inches optimum
Scan Storage: Approximately 7,000
scans of a six digit Code 3 of 9 bar
code symbology
Keypad: Thirty-two keys, including
Alpha-numeric, scan, scroll, shift,
enter, escape, backspace, free
memory, battery voltage, and five
function keys
Display: 2-Line x 16-Character LCD
Power: 4 AA alkaline or lithium,
Rechargeable NiCad or NiMH
Back-up Battery: Rechargeable
Lithium, approximate 10 year life
Internal Clock: Real Time & Date
Input: Laser Bar Code, Dallas Touch
Memory, Keypad
Bar Code Symbologies: Code 3 of 9,
Codabar, I-2 of 5, UPC, EAN,
Code 128
Output: ASCII text file
Dimensions: Width 1.47"/1.75", Depth
1.06", Length 6.88"
Temperature: Storage -20° to 60° C,
Operating 0° to 50° C
Warranty: One Year
Communications: RS-232 serial IR link
To IrDA® standard transceivers

Hardware

Videx LaserLite Pro
Base Station
PC 9-pin Cable
PC 25-pin Cable

Call or ask your reseller for pricing information.

Unique
SOLUTIONS

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