

NovoRoi Systems, LLC

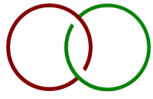
Novo User Group Meeting 2020-DL Agenda

Distance Learning Data

November 9 - 20, 2020

Please note: All times are listed in Central Standard Time

Monday, November 9th	
10:00 AM CST	Kickoff & Manage 2000 8.1 (sp4 Generally Available Since August 2020) Peter Newby, Doug Farmer & Lane Johnson, Epicor Software
2:00 PM CST	Master Agent - Multiple Ways to Automatically Execute Tasks Marc Harbeson, NovoRoi Systems
Tuesday, November 10th	
10:00 AM CST	NovoMotion Schema Design for General M2k Reporting Trey Miller, NovoRoi Systems
2:00 PM CST	SSRS with M2k Work Order Stats via NovoMotion Kevin Little, Nemco Food Equipment
Wednesday, November 11th	
10:00 AM CST	Finding and Maintaining Your Data in M2k Joanne Eckenrode, NovoRoi Systems
12:00 PM CST	APG's Process to Leverage DDE (Dynamic Data Exchange) and Python to Automate MISC.PAYABLES Marty Mortenson, Automation Products Group
2:00 PM CST	Manage 2000 Tips and Tricks Doug Farmer, Epicor Software
Thursday, November 12th	
10:00 AM CST	M2k Automatic Data Input Using NovoNexus for Demonstration Trey Miller, NovoRoi Systems
2:00 PM CST	Label Printing Directly from Manage 2000 Jeremy Wallender, WCCO Belting & Justin Kobylarz, PFlow Industries
Friday, November 13th	
10:00 AM CST	Microsoft SSAS, Power BI, SSRS and SSIS Product Overview Marc Harbeson, NovoRoi Systems
2:00 PM CST	NovoMotion SQL Auditing Trey Miller, NovoRoi Systems



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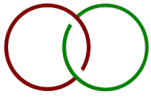
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Monday, November 16th	
10:00 AM CST	Work Order Process Flow Joanne Eckenrode, NovoRoi Systems
2:00 PM CST	Using PWS 2014 to Its Maximum Potential Doug Farmer, Epicor Software
Tuesday, November 17th	
10:00 AM CST	AS2 & EDI Transport and Transaction Adjustments by Customer Kevin Little, Nemco Food Equipment
2:00 PM CST	M2k EDI Process from Flat File to Flat File - Input to Output and Everything in Between Marc Harbeson, NovoRoi Systems
Wednesday, November 18th	
10:00 AM CST	What Is Manage 2000 Web All About? Peter Newby, Epicor Software
2:00 PM CST	MRP - Purchasing Automation Workflow Marc Harbeson, NovoRoi Systems
Thursday, November 19th	
10:00 AM CST	Sales Order and Sales Analysis Reporting in M2k Lane Johnson, Epicor Software
2:00 PM CST	Web Store Sales Quotes with NovoSQ Peter Pecipajkovski, Confoil
Friday, November 20th	
10:00 AM CST	Accessing Manage 2000 Information from Microsoft Office Applications Peter Newby, Epicor Software
2:00 PM CST	UniBasic Programming Syntax 101 Trey Miller, NovoRoi Systems



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Monday, November 9th

10:00 AM CST **Manage 2000 8.1 (sp4 Generally Available Since August 2020)**

Peter Newby, Doug Farmer, and Lane Johnson, Epicor Software

This session surveys the Manage 2000 8.1 release and subsequent service packs with particular emphasis on the latest release, service pack 4. See useful new reports and inquiries, new handy utility tools, and new web enhancements.

2:00 PM CST **Master Agent - Multiple Ways to Automatically Execute Tasks**

Marc Harbeson, NovoRoi Systems

In this session Marc will cover the many ways that Master Agent can execute tasks, such as using ECA as inputs, taking over DJS processing, and other off-the-wall, exotic, weird things that have been discovered over the years to allow us to cram most anything through the Master Agent processing system, one way or another.

Tuesday, November 10th

10:00 AM CST **NovoMotion Schema Design for General M2k Reporting)**

Trey Miller, NovoRoi Systems

No two Manage 2000 clients run exactly the same configuration of M2k, so the resulting data files are not exactly the same in terms of content. That being the case, there are still some very consistent data file foundations which most NovoMotion users will want to have in their SQL Database repertoire. This session will display and discuss the base schema designs for an *M2k General Reporting Database*, and users will be given the schema configurations to use on their own systems.

2:00 PM CST **SSRS with M2k Work Order Stats via NovoMotion**

Kevin Little, Nemco Food Equipment

Nemco's planners needed to compare real work order data with M2k benchmarks to improve Orders shipped on time. Line Managers needed to reward good workers, and improve work flow where needed. Nemco is using NovoMotion to create a historical record in SQL, as well as providing up to the minute work order information. This is instrumental for helping them identify key areas for process improvement.

Wednesday, November 11th

10:00 AM CST **Finding and Maintaining Your Data in M2k**

Joanne Eckenrode, NovoRoi Systems

In this session Joanne will review various methods of finding Manage 2000 data and meta-data (data about the data). These techniques include SEARCH and SEARCH.SOFTWARE as well as a review of traditional methods for selecting dictionaries.



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APG's Process to Leverage DDE (Dynamic Data Exchange) and Python to Automate MISC.PAYABLES

Marty Mortenson, Automation Products Group

APG used to have a manual process to summarize and enter credit card expenses into MISC.PAYABLES. This process would take one person between 8 to 12 hours each month to summarize and enter all the transactions. APG underwent a process improvement initiative to improve their MISC.PAYABLES process. This session will cover how APG used M2k's ability to leverage DDE to execute Python code from an M2k session to summarize credit card transactions into a text file and accompanying summarization documents. The session will also cover how to use the data in the text file to drive screen entry into the MISC.PAYABLES function.

2:00 PM
CST

Manage 2000 Tips and Tricks

Doug Farmer, Epicor Software

The Manage 2000 tool set, the TCL manager and UniData have many commands and verbs that are not well known. System Administrators and developers can both learn little known tips and tricks to make their jobs easier. Old standby commands are covered as well as newer commands available in the 8.0 or 8.1 release. Quit doing things the hard way and give yourself a break. Creative use of saved lists, UniData verbs and standard dictionaries make life so much simpler. Combine this with the session on PWS for a complete overview of the many ways Manage 2000 gives power users the tools to do their job.

Thursday, November 12th

10:00 AM
CST

M2k Automatic Data Input Using NovoNexus for Demonstration

Trey Miller, NovoRoi Systems

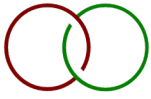
The ADI module allows for staged input of transaction data to a staged processing system in M2k. This module is frequently used for warehouse transition information like inventory moves, work order processing, and labor processing. ADI can also perform a number of other automatic data input transactions. This session utilizes NovoNexus to demonstrate various transactions running through the ADI module.

2:00 PM
CST

Label Printing Directly from Manage 2000

Jeremy Wallender, WCCO Belting & Justin Kobylarz, PFlow Industries

Do you print labels to a Zebra printer? Do you use third-party software to help you do this? Ever wish you could bypass that third party? This session will cover generating the zpl code for a label you design with zebra software, incorporating that code into a Manage 2000 process, and sending that zpl code and assigned variables with the data you want to print directly to the printer.



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Friday, November 13th

10:00 AM CST **Microsoft SSAS, Power BI, SSRS and SSIS Product Overview**

Marc Harbeson, NovoRoi Systems

In this session Marc will review each of the Microsoft SQL Server products that are included with your SQL server license and review various usage scenarios. He will discuss why you would use one product over another and what the major differences are between different versions and editions.

2:00 PM CST **NovoMotion SQL Auditing**

Trey Miller, NovoRoi Systems

The nature of the UniData relational database model is anchored by the multi-valued data storage organization of the operating system. This basic concept is key to the power and performance of the database as a manufacturing software design construct because it fits natively with concepts involving manufacturing operations. NovoMotion gives the user the ability to expose this multi-valued data in a *normalized* data set in SQL server hierarchical database structures. This poses the issue of determining when something has gone awry in the data delivery process. This session teaches important techniques for audit and finding errors in both schema design and data delivery to the SQL database.

Monday, November 16th

10:00 AM CST **Work Order Process Flow**

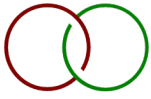
Joanne Eckenrode, NovoRoi Systems

This session is a process review of the Manage 2000 work order system from work order creation to financial closing. This general survey discusses various processes and functions along the route to work order completion in M2k.

2:00 PM CST **Using PWS 2014 to Its Maximum Potential**

Doug Farmer, Epicor Software

PWS 2014 has been available for over 6 years. In that time, it has become the universal data entry client for Manage 2000. Built into the original PWS 2014 version are tools and methods to make data entry and Manage 2000 processing as easy as possible. Some of these are well known but some are fairly abstract. Even if you think you know PWS, over the years small improvements have been made. Attend this session and see all of the tricks and tips to using PWS and Manage 2000.



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Tuesday, November 17th

10:00 AM CST **AS2 & EDI Transport and Transaction Adjustments by Customer**
Kevin Little, Nemco Food Equipment

Nemco set out with the goal of implementing EDI translation in M2k, in a cost-efficient and resource efficient manner to stay competitive in the marketplace. Their largest customers were requiring them to implement EDI or use resource intensive online portals. All online EDI vendors wanted monthly fees plus transaction volume fees for processing. Nemco's solution utilized open source components to make a modular system that allowed AS2 connections & EDI customizations per customer.

2:00 PM CST **M2k EDI Process from Flat File to Flat File - Input to Output and Everything in Between**
Marc Harbeson, NovoRoi Systems

In this session Marc will review the entire M2k EDI process. The investigation will begin with a flat file that EDI software delivers and then follow the processing all the way into M2k and back out to a response flat file. The session will cover all the various setup screens involved. In addition, Marc will discuss some of the ways to fully automate EDI and other ways to manipulate errors and flat files.

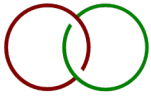
Wednesday, November 18th

10:00 AM CST **What Is Manage 2000 Web All About?**
Peter Newby, Epicor Software

What is M2k Web all about? In a word, communication. The ability to get ERP information in front of people's eyes, in the applications that they use regularly, on the devices they have available, in an affordable manner. This session explores Manage 2000 web functionality and ways of tailoring and enhancing a user's experience.

2:00 PM CST **MRP - Purchasing Automation Workflow**
Marc Harbeson, NovoRoi Systems

In this session Marc will cover how MRP actions can drive purchasing (PUR) module input through the requisitions (RQN) module, ultimately to create Purchase Orders semi-automatically. He will review various setup screens and investigate how each method works, as well as different options you can use. For example, Marc will discuss how RQN's are consolidated and to what level.



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Thursday, November 19th

10:00 AM CST **Sales Order and Sales Analysis Reporting in M2k**

Lane Johnson, Epicor Software

Join Lane for a bright refresher on the standard Sales Order, Sales Analysis, and Summarized Sales Analysis reports. Learn a process flow to see open sales orders all the way to viewing Gross Margin reports and graphing - all in standard Manage 2000 and available to you.

2:00 PM CST **Web Store Sales Quotes with NovoSQ**

Peter Pecipajkovski, Confoil

This is a user demonstration of the migration from the conventional, manual entry of Sales Quotes and Sales Order entry to the automated entry afforded by NovoSQ and the M2k quote conversion process. Peter will show orders originating from a web store, flowing through a SQL server repository, and into the M2k quoting system where they are automatically converted to sales orders. Subsequent after processing will be discussed and demonstrated in order to update the web store and the clients placing the orders.

Friday, November 20th

10:00 AM CST **Accessing Manage 2000 Information from Microsoft Office Applications**

Peter Newby, Epicor Software

The border between Microsoft Office and Manage 2000 is an expanding realm which makes access to ERP data from Excel and other office applications easier with each release. Not only are there more EOT Viewer inquiries providing Copy-and-Paste access, but there are more tools platforms for plugging Excel directly into Manage 2000. This session will look at three out of the many application interfaces available for accessing Manage 2000 data from Microsoft Office: REPORT.BUILD, JSON.PACKAGE.MAINT, and Microsoft VSTO with Manage 2000 ERP services.

2:00 PM CST **UniBasic Programming Syntax 101**

Trey Miller, NovoRoi Systems

This is a user requested refresh of the UniBasic programming course that Novo has presented in the past. We have updated the content for Distance Learning display and users will be given examples to illustrate usable programming concepts for M2k database processing. Beginning and intermediate UniBasic programming demonstrations will give users the necessary foundation to explore solutions on their own systems and continue to develop useful enhancements to the M2k system, specific to their own system needs. Users will be given a library of coding examples to solidify the instruction material.