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Western Oregon UNIVERSITY

# WOU STRATEGIC BUDGET PROPOSAL FOR INSTITUTIONAL PRIORITIES

## I. PROPOSAL OVERVIEW

| | | |
|---|---|---|
| Title<br>Maintenance Tracking Software Upgrade | | |
| Department<br>Facilities Services | Requestor<br>Michael Smith | |
| Requestor Email<br>smithmj@wou.edu | Requestor Phone<br>8-8043 | Request Date<br>11/27/17 |

## II. TIMEFRAME

| | | | | |
|---|---|---|---|---|
| **Proposed Dates** | Start | 12/01/17 | End | 12/01/20 |

## III. PROPOSAL SUMMARY

*Make your summary **concise** and compelling. Avoid jargon and acronyms. A limit of 100 words is recommended.*

Purchase additional annual MPulse software user licenses (5 more) and upgrade our current version to add: advanced customization, asset life-cycle tracking, DataLink Integration, Condition-based maintenance, Purchase Requisitions and enhanced Inventory Features.

## IV. PROPOSAL SCOPE

Describe the proposal and the expected outcomes if approved. Additional space available on the next page.

The added users will help migrate from a shared tracking and assigning system (SWAMP and mPulse) to just one system (MPulse). The SWAMP software is being sunset due to incompatibility with current versions of JAVA.

Add large and small equipment tracking software modules to our current MPulse software package to improve maintenance response, repair and overall cost reductions. This added module will decrease downtime, extend equipment life and improve reliability. In addition, meter readings can be electronically tracked and analyzed, historical record of PM's and repairs can be reviewed online at the equipment location

MPulse upgrades will also be needed use for Bond reimbursement documentation. MPulse can track fixed asset acquisitions such as furniture, computer equipment and fixtures that are required by the bond issuance. Currently we do not have that capability and MPulse would do that for us.

## V. STRATEGIC ALIGNMENT

Describe the proposal's linkage to the university Strategic Plan.

This proposal directly links to IV. Accountability with supporting campus communication systems through more accurate accounting of facilities issues and measuring response time. This proposal also directly supports V. Sustainability & Stewardship by "implementing process improvements to improve satisfaction and productivity of faculty and staff." Further it supports the providing of resources that improve our ability to keep equipment functioning during emergencies and enabling WOU the ability to head off issues before they occur.

## VI. ADDITIONAL INFORMATION

Please include the following: implementation plan, assessment plan and the plan to sunset proposal if assessed objectives are not met in the timeframe outlined.

1. Purchase software upgrade from MPulse. UCS will test and install.
2. Facilities Services will train additional users on how to utilize the software.
3. Lead workers will electronically assign work and monitor results.
4. Key workers will input equipment maintenance data.

The software "roll out" will take 1 month. It will take up to 4 months to bar code and identify all WOU mechanical assets. Inventory tracking will begin with the new bond funds used to purchase equipment or furniture. For example, items will be purchased, the property control specialist will bar code and deliver each item. Then future inventory counts and printout can be done through scanning.

| **VII. BUDGET** Select all sources that will fund this proposal and complete form A (below) for each source. (Additional copies on pages 6-8.) | | | |
|---|---|---|---|
| Education & General ☑ | Grant ☐ | Self-Support Academic ☐ | Self-Support Non-Academic ☐ |

| **A. Funding Source** | Education & General ☑ | Grant ☐ | | Self-Support Academic ☐ | Self-Support Non-Academic ☐ | |
|---|---|---|---|---|---|---|
| | **One-Time Funding** | | | **Base (3-yr Recurring) Funding** | | |
| **INFLOWS** | FY17 | FY18 | FY19 | FY17 | FY18 | FY19 |
| **SFTE** | | | | | | |
| **Revenue** | | | | | | |
| **OUTFLOWS** | FY17 | FY18 | FY19 | FY17 | FY18 | FY19 |
| **FTE** | | | | | | |
| **Salaries** | | | | | | |
| **Benefits** | | | | | | |
| **Materials & Supplies** | | | | | | |
| **Travel** | | | | | | |
| **Contracted Services** | | | | 12,200.00 | 3,000.00 | 3,000.00 |
| **Capital** | | | | | | |
| **Other Operations** | | | | | | |
| **TOTAL** | 0.00 | 0.00 | 0.00 | 12,200.00 | 3,000.00 | 3,000.00 |

| VIII. PROPOSAL SIGNATURES | | |
|---|---|---|
| Department Head | Name Michael Smith | Signature Michael Smith |
| Division Head | Name Eric Yahnke | Signature |
| Vice President | Name Rex Fuller | Signature |

| IX. ACTION | | | |
|---|---|---|---|
| **Recommended by UBC** | Yes ☐ | No ☐ | Date |
| Comments: | | | |
| **Recommended by President** | Yes ☐ | No ☐ | Date |
| Comments: | | | |
| **Final Approval** | Yes ☐ | No ☐ | Date |
| Comments: | | | |

# Software Editions

## MPulse Means Freedom of Choice™

MPulse maintenance software solutions fit businesses of every size. Whether you run a small maintenance shop or manage maintenance for a large enterprise, we have a software package that'll make your organization more productive and profitable.

Find the solution that fits your needs. With four robust software editions to choose from—Bronze, Silver, Gold, and Platinum—you can be sure you're getting a flexible solution that works everywhere.

### MPulse Bronze

***Ideal for: Maintenance managers. PM tracking and work orders.***

MPulse Bronze is an entry-level solution for preventive maintenance (PM) and work order management. Our Bronze package helps maintenance teams gain better control over their scheduling and tracking processes so they can use resources wisely and measure results accurately.

CURRENT

### MPulse Gold

***Ideal for: All sizes and types of maintenance operations. Includes advanced inventory, vendor management, and financial tracking tools.***

MPulse Gold offers a full suite of features and functions—from managing PMs, work orders, and service requests, to tracking and controlling inventory and managing vendors. Sophisticated features, like asset-level financial tracking, make this package a professional-grade tool for experienced maintenance teams of all types and sizes.

### MPulse Silver

***Ideal for: Maintenance managers & facility managers. Includes service request management.***

MPulse Silver has all the great preventive maintenance and work order management features included in Bronze. In addition, you gain the ability to receive, manage, and update service requests from unlimited requesters. If you have inbound maintenance requests, Silver is your solution.

NEW

### MPulse Platinum

***Ideal for: Large, sophisticated organizations with complex maintenance operations. Includes feature extensions designed for the Industrial Internet of Things (IIoT).***

MPulse Platinum includes all the core features and functions offered in our entire product line, plus our IIoT-ready feature extensions—Condition-Based Maintenance and DataLink Integration Adapter. MPulse Platinum makes management, tracking, and reporting easier for even the largest, most complex maintenance operations.

Microsoft Partner
Silver Application Development

PUBLISHED JUNE 2017

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www.mpulsesoftware.com | 800.944.1796

# Software Editions

## MPulse Means Freedom of Choice™

For over two decades, MPulse has provided maintenance tracking, scheduling, and reporting software to companies large and small, in virtually every industry. We know the challenges you face, and we provide the tools to help you face them.

| | **Bronze**<br>Good | **Silver**<br>Better | **Gold**<br>Best | **Platinum**<br>Premium, Enterprise-Grade |
|---|---|---|---|---|
| **Package Description** | Basic preventive maintenance (PM) and work order management package for equipment & facility managers. | Full-featured PM and work order management package plus the ability to receive, manage, and update service requests from unlimited service requesters. Ideal for facility management and equipment repair management. | Comprehensive suite of features and functionality, including PM and work order management. Advanced Inventory Control and Vendor Management also included. Sophisticated features include detailed financial tracking and extensive field-level customizability. | The MPulse Platinum Edition includes everything in all of MPulse's basic packages, plus our IIoT-ready feature extensions—Condition-Based Maintenance and DataLink Integration Adapter. |
| **Best For** | Maintenance Managers | Maintenance Managers & Facility Managers | The "Gold Standard" for maintenance teams of all types and sizes. Excellent for financial managers too. | Large maintenance teams with complex management, tracking, and reporting needs. |
| **Starting # of Concurrent Users** | 1* | 3* | 5* | 12* |
| **Infinity Tier Users** | Unlimited | Unlimited | Unlimited | Unlimited |
| **Service Requester Licenses Included** | None | Unlimited | Unlimited | Unlimited |
| **Asset Types** | Equipment & Buildings | Equipment & Buildings + 1 additional asset type (Vehicles, Grounds, or Rooms) | All Asset Types<br>• Equipment<br>• Buildings<br>• Grounds<br>• Rooms<br>• Vehicles | All Asset Types<br>• Equipment<br>• Buildings<br>• Grounds<br>• Rooms<br>• Vehicles |
| **Professional SSAE16-Certified Hosting** | Included | Included | Included | Included |

*Additional user licenses available



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# Software Editions

## MPulse Means Freedom of Choice™

| | Bronze | Silver | Gold | Platinum |
|---|---|---|---|---|
| **Advanced Customization**<br>Easy customization on the fly. Adjust layouts, add custom fields, create nested fields, and link custom prompts. | Optional | Optional | • | • |
| **Asset Lifecycle Tracking & Cost Centers**<br>Track the important metrics that help you understand the true life cycle costs of your assets. Create budgets for cost centers and measure your performance against them. | Optional | Optional | • | • |
| **DataLink Integration Adapter**<br>Quickly and easily move data in and out of MPulse using a familiar, intuitive interface. Compatible with a wide array of file and data exchange formats, and meets virtually any data integration need. | Optional | Optional | Optional | • |
| **Condition-Based Maintenance (CBM)**<br>Monitor multiple meters (e.g., revolutions, psi, and hours) on a single asset, then trigger work orders based on threshold readings defined for those meters. | Optional | Optional | Optional | • |
| **Feature Extension Modules** | | | | |
| **Purchase Requisitions**<br>Monitor work orders, reorder lists, and requisition records, then produce requisitions or POs as needed. Easily track orders and requisitions all the way through receiving and restocking. | Optional | Optional | Optional | Optional |
| **Inventory Clerk**<br>With this intuitive, easy-to-use "shopping cart" tool, you'll always have an accurate count of the parts coming and going from your spare parts room. | Optional | Optional | Optional | Optional |
| **Request Approval Routing Manager**<br>Automatically filter maintenance requests based on predetermined criteria, then route them to appropriate personnel for review and approval. | Optional | Optional | Optional | Optional |
| **Advanced Asset Status Board***<br>Create multiple status boards for multiple locations, cost centers, systems, or departments. | Optional | Optional | Optional | Optional |
| **Role-Based Access Control (RBAC)**<br>Gives you precise, field-level control over which user roles see which records in MPulse. | Optional | Optional | Optional | Optional |

*Some features limited in Bronze & Silver Editions

## MPulse Means Maintenance Success™

To thousands of customers around the world, MPulse Means Maintenance Success. Founded in 1995, MPulse is now part of the JDM Technology Group. MPulse is a provider of maintenance management software developed by experts in maintenance, repair, and operations (MRO) and facility management. Their world-class solutions provide reliable scheduling, tracking, and reporting tools for equipment and facilities maintenance organizations. MPulse serves more than 2,500 customers in 24 countries and maintains offices in Delaware, Indiana, Oregon, Pennsylvania, and Texas.

MPulse's mission is to make maintenance operations more productive and more efficient, whatever their size. Current clients range from small maintenance shops in public schools, restaurants, and retail outlets to large maintenance departments in global enterprises like General Dynamics, Fender Guitars, Siemens, and Verizon. With their easy-to-use EAM/CMMS software, the company's customers reduce maintenance expenses, minimize downtime, extend equipment life, and boost productivity throughout their organizations.

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