MATERIALS MANAGEMENT / LIMS

ExeVision's Materials Management Subsystem (MMS) is a comprehensive, web-based solution used by transportation agencies to manage materials and laboratory information. The solution may be tailored to the specific requirements and business processes of your individual transportation agency and makes possible the tracking and quality assurance of the agency's construction materials.

MMS delivers a robust Software-as-a-Service (SaaS) solution for construction materials sampling, testing, and management that's ready-to-go out of the box, yet versatile enough to be configured, and yes, even customized to the specific business processes of your individual agency.

Materials Management Functionality

- Sample Management
- Materials Definitions and Attributes
- Tester Certification & Qualifications
- Facilities Inspection
- Prequalified Materials
- Material Components
- Inventory Management
- Mix Designs
- Equipment Tracking and Calibration

    ...and other key tasks associated with the management of materials.

Complex Test Creation Engine and Text Execution

- AASHTO/ASTM
- Agency Specific Test Creation
- Lab Qualification
- Testing Execution and Calculations
- Reporting

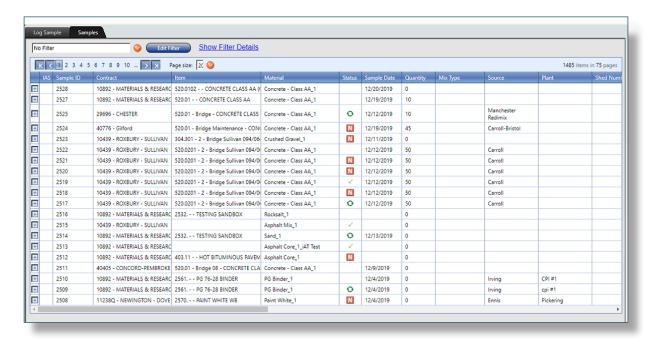   ...and much more.

Ease of Use

- Day-to-day activities managed from a single location
- Flexibility to modifiy workflows, email notifications,etc.
- Sort and view samples (contract, project, user, materials, etc.), based on user-defined filters

FHWA Federal Lands Division recently awarded the contract for their Materials Management solution to ExeVision through the public bidding process.

The decision was based on criteria that "represented the best value to the government" including:

- Price
- Available Test Methods
- Past Performance
- Future Integration Options

Centralized Sample Management

The central role of a material sample is emphasized in the overall material management process, contributing to the user friendly and intuitive feel of the solution. This promotes efficiency for users by allowing the day-to-day materials activities to be managed from a single location within the application. From one window, all samples related to a contract, a project, a user, or a material, are easily viewed with their associated attributes, assignments, test status and other key information related to the sample.

As a full-featured materials management solution, ExeVision MMS may be implemented by an agency as a stand-alone Materials solution or as a part of ExeVision's **integrated Project Development solution (iPDWeb),** including Estimating, Electronic Bidding, Construction Management, and Civil Rights Compliance.

Additional iPDWeb Materials functionality

- Define materials, vendors, locations and relationships
- Define component/sub materials
- Define laboratories for off-site testing and certifications for materials production
- Track inventory including test sites
- Assign materials to bid items with item substitutions
- Create reports for materials inventory and materials testing requirements based on contractor's bid item submission
- Sample management: track location, tests, testers, results, vendor certifications, etc.
- Define tests, calculations, value ranges, etc.
- Maintain test libraries
- Provide agency employees or contractors access rights to log into MMS and create, conduct, and record materials tests
- Calculate pay factor adjustments in CMS based on testing requirements
- Test schedules, based on item quantities and/or test frequencies
- And much more...

About ExeVision

ExeVision, Inc., is the developer of the iPDWeb solution, a comprehensive, project development system fully integrating all functional aspects of road and bridge construction from estimate creation and electronic bidding, through final contractor payment. ExeVision is also the creator of the iCXWeb application, designed to assist contractors in the creation and submission of responsive bids and facilitate seamless bid communication between contractors and the agency. These two solutions provide substantial time and cost savings for the state transportation agencies that have implemented them. ExeVision has been developing and deploying mission critical, agency-specific applications for over 25 years and is a Utah based company.