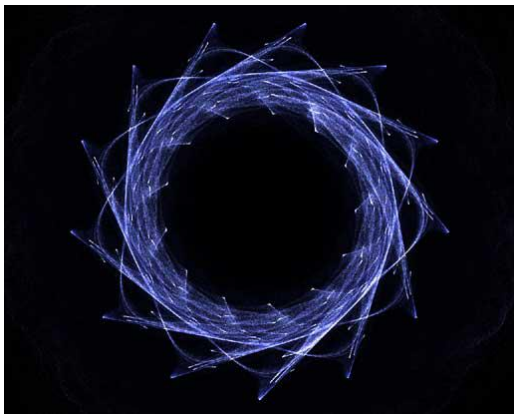
Digital Tangents Advanced Learning Services (DTALS)

Features & Specifications



A component of

Digital Tangents Web Services

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mobileINTEGRATION ..... **Error! Bookmark not defined.**

Eliminate the Turmoil in your Training

The Digital Tangents Advanced Learning Services (DTALS) will eliminate your training turmoil while thoroughly documenting continuing education for all your people—in one simplified, uncluttered and comprehensive cloud-based Learning Management System (LMS).

DTALS is used by large, medium and small organizations to simplify and manage the education process. It's so easy that anyone can use it; and we mean *anyone*.

Match DTALS with your HR Management System or use it stand alone. It will fit into your organization smoothly and effortlessly.

DTALS is clean, uncluttered, easy-to-use, easy-to-install, and simple to navigate, with data accessed quickly and easily. Reporting is a matter of a few clicks by authorized individuals. Student categories, groups and roles are easily defined. Courses are made part of the curriculum, and are easily accessed by the students. Interactivity occurs throughout the entire course. Final assessments are given, and scores recorded in student records. Easy and total control is managed by the training manager(s).

Benefits of Digital Tangents Advanced Learning Services

costEFFECTIVENESS

DTALS is designed from the ground up to minimize your training costs. Since it's a cloud application, you can use your existing computers, mobile devices and internet connection to take advantage of the power of our online learning system. Compared to the expense of bringing people and instructors together along with support equipment and course materials while trying to minimize any impact on your business, DTALS allows people to take their training online and at their own pace, starting and stopping when they have time. Any testing and evaluation feedback results are instantly available to you on the administrator's dashboard.

DTALS results in reduced costs of administrating, delivering and managing employee training and more efficient management of training resources.

fullCONTROL

DTALS gives administrators full control over their training programs. Manage students, courses, exams, content, notifications, e-commerce, events and messages all from the administration dashboard.

successfulLEARNING

DTALS shields your students from the complexities of a powerful learning system so they can concentrate on one thing – accomplish their learning objectives to become more successful employees or members.

mobileLEARNING

Have app, will travel. Learn while on the go with your Apple or Android device. DTALS in conjunction with our mobile apps can further your training requirements while making it convenient for your employees or members to train where they are at any time.

blendedLEARNING

Enable blending learning programs (online and instructor-led curricula, courses, classes, and coaching) to increase student reach and effectiveness.

consistentLEARNING

Consistency in delivery and evaluation of course content across all learners. All training is consolidated within a single system.

trainingDELIVERY

Deliver training to desktops, laptops and *mobile apps* simply and effectively. Student convenience is paramount. Develop and produce courses easier, faster and far less expensively using the Sharable Content Object Reference Model (SCORM) standards and specifications for web-based e-learning. Using software such as *Articulate Storyline 2* to develop SCORM standard online courses, you can be guaranteed these courses will work flawlessly in the DTALS as well as performing beautifully in the mobile environment.

Features

advancedLEARNING

DTALS is designed to enable learning by delivering your content via self-paced online learning, live instructor-led learning, mobile learning, and blended learning programs. DTALS is a cost-effective, comprehensive suite of solutions that engages the student, automates the learning process and makes administration a breeze.

cloudTECHNOLOGY

DTALS is a robust and stable Software-as-a-Service (SaaS) system. Simply put, you do not need to invest in any additional servers, workstations or software to engage the learning experience. Got a web browser or mobile device? Then you have access to DTALS and its vast array of resources. No plugins or players are required to access DTALS from home, on the go or at work.

content-drivenRESULTS

DTALS makes content king. Documents, spreadsheets, videos, text and graphics can all be utilized and combined in various fashions to create a fully-immersive learning environment for the student.

modularARCHITECTURE

DTALS is comprised of a set of modular components that can be switched on or off by an administrator at any time. This results in a flexible, agile learning approach that customizes the learning for different groups or individual students.

manageLEARNING

DTALS provides comprehensive learning programs, online courses, exams, question pools and certification programs. The Learning Content Management module has a wide-range of administrator-controlled options for everything from uploading SCORM-compliant courses to creating questions pools, to assembling a certification.

Once students have created an account, they can register for courses, classes or events from your catalog. Courses are delivered seamlessly, and test scores recorded. Program administrators have full control and information available on all students and courses.

DTALS provides the accumulation of credits toward a Certification, or an annual assessment and reviewing of student progress. Each Certification program is tailored to each client. Points, events, hours, or continuous education units (CEUs) are recorded. Achievements are noted when goals are attained. Certificates of Accomplishment can be issued quickly and easily

Learning Programs

At the heart of the DTALS is our ***Learning Programs***. You can create multiple learning plans based on user groups or your established criteria and translate those plans into learning programs. These learning programs can consist of a combination of online classes, exams, classroom training, and events. A record is maintained of a user's progress through the program, and when the necessary credits are achieved, notice is given to the training administrator for appropriate action (certificates, awards, etc.). Each learning program can be assembled by a training administrator very easily by choosing amongst the various modules available in a manner of minutes. The learning administrator can control how the students will take these modules – either in ordered sequence or randomly, and either by the amount of optional credits or hours or courses taken.

Online Courses

Online courses are delivered seamlessly and smoothly. Courses can be SCORM compliant, produced by you or our professional staff. DTALS also has a proprietary online course builder that you can create courses on-the-fly.

Assessments

As a learning administrator, you can create multiple-choice, true/false or matching questions and use them all in combination to create question pools. These question pools can then be accessed by administrator-created exams which can be timed, untimed, scored or just for evaluation purposes. The exams can select the questions randomly every time they are taken or in a specific sequence. The exams can then be taken by themselves or as the assessment component of a course or learning program.

Evaluations

As a learning administrator, you can create evaluations which can be linked to learning programs. These can be made mandatory or optional and the results can be accessed via the evaluation report.

manageUSERS

The User module can keep track of your employees, students, administrators and members. From the administrative console, you can add, delete, modify and display lists of users and keep track of them all by convenient groupings. Customize the data you need to capture without coding and keep track of everyone's e-training progress just with a few clicks.

DTALS allows you to assign people to a specific role in your training organization. Once you establish an individual's role, you can easily specify training requirements for different individuals. Training participation is segmented at multiple levels, including regions, organizations and groups. Users are established in roles that access information they need - staff members, training coordinators, instructors, managers, mentors, and students.

manageCLASSES

Our Class module will place students and instructors together with the tools needed to effectively conduct any required learning objectives. Students can upload and download materials while the instructors can assign students various tasks to even include hard-copy quizzes and exams.

Classroom training is established by you, and a description is entered into the system. Schedules, instructors, tests, homework and other details are recorded. Final grades-whether by exams or instructor assignment-are entered to the user record.

manageEVENTS

The Events module can manage events painlessly – schedule, register and use as part of a certification program all from the administrator's console. Events can be created and attendance can be recorded and reported. Events can include workshops, classroom education seminars, lectures, or even the company picnic.

manageREPORTS

The Reports module is a powerful system that enables an administrator to select various record items to include into a report, save the setup, and schedule the report to be run automatically – even having it emailed out to selected recipients by DTALS itself.

A full spectrum of reports is available on students, courses, events, progress and achievements. A built-in report generator allows you to tailor reports for your special needs.

manageINVENTORY

With DTALS, you can not only manage your online content but physical materials as well. Notebooks, handouts, books – they can all be managed in conjunction with the fulfillment and ecommerce systems of DTALS.

manageORDERS

This system allows you to manage every order placed within DTALS and have them paid for by credit card, coupon or special registration code. You can also set all items to free for a standard in-house, employee-driven learning system.

manageECOMMERCE

We can connect DTALS's Ecommerce Management System to your preferred payment gateway and you can start using your fully PCI compliant financial transaction system with all content you wish to price.

manageNOTIFICATIONS

With DTALS's Notification System, you can notify your users via email or online notices to any event you care to. Reports can be automatically run and sent out via email on a set schedule and users can be notified with scheduled reminders concerning their assigned learning/certifications.

manageCONTENT

No need to get Digital Tangents involved when you want an additional webpage – use our built-in content management system to create a static information page in a matter of minutes. You can also create instructional or terms and conditions documents to attach to any learning program

manageDISCUSSIONS

DTALS's Forum System supports multiple communications threads and can be moderated by any designated training administrator.

Specifications

frameWORK

- Utilizes the Microsoft .NET 4.5.2 and ASP.NET Core 2.0 web frameworks
- Written in the C# language
- Uses Microsoft SQL Server 2012 database management system as the data store
- Hosted on Microsoft Windows Server 2012
- Contains over 8,000 source files and over two million lines of source code
- Consists of ASP.NET web forms, code-behind modules, business rule objects and data accesses/transformer objects

cloudTECHNOLOGY

- No client-side installation required
- Utilizes browser-based technology in combination with REST web services

modularARCHITECTURE

- Components can be switched on and off via the administrative console
- User Services (users, groups, roles, access rights)
- Learning Services (programs, courses, classes, events, exams, question pools)
- Online Course Services (custom DTALS courses, SCORM 1.2, uploaders, online course builder)
- Evaluation/Survey Services (admin-created evaluations/surveys, question pools, results management)
- Product Services (product catalog, pricing, discount management)
- Order Services (order recording and storage)
- Ecommerce Services (secure shopping cart, integration with payment gateway of choice)
- Reporting Services (configurable report filters, report scheduling, report exporting)
- Communication Services (messages, notices, email creation, event-dependent send-outs, help/FAQ management)

DTALS Features and Specifications

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DT Cloud Solutions is a suite of Software-as-a-Service (SaaS) applications consisting of many customer-centric services. These include Learning, Member, Curriculum and Web services.

DTALS is a component of DT WebServices

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