

Ed Tech™ 2008 Conference *New Rich Internet Applications*

K-12 Use Demonstrated and Prioritized

Integrated IBM Technology still leads the way.

New Rich Internet Applications (RIA) Shown at Ed Tech 2008

Online Purchase Orders and other new RIA Ascent™ programs received resounding approval at the March Orlando Ed Tech Conference. Development plans and new features were prioritized. Examples are recapped throughout this newsletter.



K-12 schools and classrooms are opening their doors to Rich Internet Applications.

Denny Insell, popular IBM speaker keynotes Ed Tech Conference, held Feb 29-Mar 2, 2008 at Sun Regal in Orlando, Florida

Denny Insell, a popular IBM speaker, illustrated the IBM approaches and technology that continue to lead the technology world. IBM is the only company with unified equipment that supports multiple operating systems in one integrated setting — such as Linux, AIX, Windows and i5/OS.

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Timp Tech™ Services

- Update Your Website
- Help for Urgent Requests ..
- How to Contact Us.....

Users Confirm New RIA Approach and Set Ascent™ Priorities:

- Finance** — Online Web Purchase Orders, with Approval Processes
- Human Resource** — Position Control
- Student** — Student Discipline Management and Tracking
- Classroom** — New, integrated GradeBook

New Ascent™ offerings — Planned availability: July 1, 2008



Working Together Works!

Studies have shown that geese flying in a V-Formation, have a 70% greater range than flying alone.¹



People, schools, and districts help each other by Working Together, but Systems also are MUCH better when Working Together — Integration was also a focus of the Ed Tech 2008 Conference — Systems also need to Work Together

Working Together Works

Integration Focus

- Integrated systems are 'people friendly' and are used
- More current data, with easier access
- Better quality data, accurate
- More consistent data, not redundant data
- More value to data

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Ed Tech Labs 2008 Conference
The Wonderful World of Technology



¹Source Information: <http://www.aerospaceweb.org/question/nature/q0237.shtml>, Jeff Scott, Aerospace Engineer, Chief Editor of Aerospaceweb.org, 17 July 2005.



Ascent™ – New Rich Internet Applications (RIA)

Quotes about new Rich Internet Applications (RIA):

"RIAs are the wave of the future..."

Cynergy Website, Feb 2008
www.cynergysystems.com/

"RIA's, could be loosely defined as software with engaging user interfaces that typically bridge the connectivity of the Web with a graphical richness and custom user interface that used to be reserved for client software."

Information Week,
Feb 25, 2008

"This is about enabling Web apps to work the way people expect them to work."

Kevin Lynch, Adobe's
Chief Technology Officer,
told *InformationWeek,*
Feb 25, 2008

New Rich Internet Applications have the following features and advantages:

- Richer Graphical User Interface
 - Richer media
 - Richer graphics
 - Richer data access
- Versatile
 - Can run, accessing web sites
 - Or, can run stand-alone on a desktop, without Internet access
- When run from a web site, it runs more like a desktop application
 - Has the functionality and user friendliness of desktop applications
 - Also approaches the speed of desktop applications
- Eliminate browser dependencies
- Much, *much* easier to deploy, maintain and support
- **Bringing:**
 - **Lower cost**
 - **More reliability**
 - **Ease of use**
 - **Lower training & implementation costs**



The new Ascent™ Products are written as new Rich Internet Applications.



New Ascent™ Online Purchase Orders shown at Ed Tech 2008 Conference

PO Doc	PO #	Date	Vendor Name	Ship To	Req #	Type	Total
PO	270000033	6180	MCADAMS PIPE & SUPPLY	WAREHOUSE	270000037	B	\$500
PO	270000040	6180	SECURITY ALARMS CO.	WAREHOUSE	270000044	B	\$3,000
PO	270000044	6180	STUART C. IRBY CO.	WAREHOUSE	270000048	B	\$2,500
PO	270000183	6180	OME CORPORATION	WAREHOUSE	270000187	B	\$13,149
PO	270000192	6180	SBC LONG DISTANCE	B.E.S.T. CENTER	270000196	B	\$2,000
PO	270000198	6180	ONENET	B.E.S.T. CENTER	270000202	B	\$1,032
PO	270000202	6180	CINGULAR WIRELESS	B.E.S.T. CENTER	270000206	B	\$17,000
PO	270000230	6180	SHELL FLEET PLUS	B.E.S.T. CENTER	270000234	B	\$5,700
PO	270000235	6180	HAGAR RESTAURANT SERVICE, INC.	WAREHOUSE	270000239	B	\$4,000
PO	270000238	6180	STUART C. IRBY CO.	WAREHOUSE	270000242	B	\$2,000
PO	270000723	6208	LOWE'S OF MUSKOGEE	WAREHOUSE		B	\$2,000
PO	270000821	6214	O'REILLY AUTO PARTS	WAREHOUSE		B	\$200
PO	270001203	6223	GRAINGER SUPPLY	WAREHOUSE		B	\$2,000
PO	270001460	6234	EASTERN SHEET METAL COMPANY	WAREHOUSE		B	\$480
PO	270002166	6256	SECURITY GENERAL	WAREHOUSE		B	\$1,000
PO	270002311	6262	O'REILLY AUTO PARTS	WAREHOUSE		B	\$300
PO	270002566	6270	SUDDEN LINK	B.E.S.T. CENTER		B	\$850
PO	270003005	6286	SHIFFLER EQUIP. SALES, INC.	WAREHOUSE		B	\$500
PO	270003707	6313	LOCKE SUPPLY CO.	WAREHOUSE		B	\$1,000
PO	270004325	6345	CORPORATE TO CASUAL SCREEN	MUSKOGEE HIGH		B	\$288
PO	270004554	6356	DISCOUNT TIRES	WAREHOUSE		B	\$300

Purchase Order Number: 270000230 **PO** **OPEN**

Date: **Date Required:**

PO Information **Vendor Information** **Item List**

Charge Account Code: 11140527406250000000000080

Reference:

Internal Note: BA

Blanket Amount: 5700

Tax Rate %: 0 **Default Trade Discount %:** 0

P/O Freight: 0

Shipping Terms: FOB DESTINATION **Payment Terms:** NET 30

Hold Payment: N

May A/P Close: Y

Receiving Required: Y

Confirmation Copy: N

Draft Copy: N

Message: DFLT

P.O. # SHOULD BE ON INVOICES & BOXES.
NO PARTIAL SHIPMENTS.
FTE # 73- 606 9062

New Ascent™ Human Resource Position Control, after Ed Tech 2008 Conference

The screenshot shows the 'Ascent Human Resource System' interface. The left sidebar contains a 'Module Setup' menu with options like 'HRS General Setup', 'Maintain File Keys', 'Maintain Attributes', 'Maintain Attribute Values', 'Maintain Position Element Names', 'Maintain Code Types', 'Maintain Code Names', 'Maintain Class Grade-Range Codes', 'Maintain Position Code Definitions', 'Maintain Position Requirements Definitions', 'Maintain Position Documents Required Definitic', 'Maintain Position Element Values', and 'Maintain Responsibility Areas Definition'. The main content area is titled 'Maintain Position Requirements Definitions' and features a table of requirements and an 'Edit existing record' form.

Requirement I	Short Title	Description
BKGRNDCHK	BACKGROUD C	FBI BACKGROUND CHEC
BOARDMTGS	BOARD MEETIN	BOARD MEETING ATTEH
CDL	CDL LICENSE	CDL LICENSE FOR BUS
CERTIFICAT	CERTIFICATE	TEACHING CERTIFICAT
CONWEAPON	CONCEALED WE	CONCEALED WEAPON P
DRUGTEST	PASS DRUG TE	PASS THE STATE DRUG
HEAVYLIFT	HEAVY LIFT	HEAVY LIFTING IS REQ
SHORTHAND	SHORT HAND	SHORT HAND NOTATIO
USCITIZEN	US CITIZEN	MUST BE A CITIZEN OF

The 'Edit existing record' form for 'CDL' shows the following details:

- Requirement ID: CDL
- Documents Required?: Y
- Extended Requirement?: N
- Is Requirement Active?: Y
- Short Title: CDL LICENSE
- Description: CDL LICENSE FOR BUS DRIVERS AND OTHERS

The screenshot shows the 'Ascent Human Resource System' interface for 'Maintain Endorsements'. The left sidebar contains a 'Module Setup' menu with options like 'Certificates and Endorsements Setup', 'Maintain Certificates', 'Maintain Endorsements', 'Maintain Certificate Type Codes', 'Maintain Certificate Rank Codes', and 'Maintain Certificate/Endorsement Level Codes'. The main content area is titled 'Maintain Endorsements' and features a table of endorsements and an 'Edit existing record' form.

Endorsement Id	Short Title	Endorsement Descrip
ADM	ADM	ADMINISTRATIVE
AGR	AGR	AGRICULTURE
ALG	ALG	ALGEBRA
ART	ART	ART ENDORSEMENT
BIO	BIO	BIOLOGY
BUS	BUS	BUSINESS
CHE	CHE	CHEMISTRY
COM	COM	COMPUTER SCIENCE
ECO	ECO	ECONOMICS
ENG	ENG	ENGLISH ENDORSEME
FG	F	DF
FRENCH	FRENCH	FRENCH LANGUAGE

The 'Edit existing record' form for 'ALG' shows the following details:

- Endorsement Id: ALG
- Description: ALGEBRA
- Short Title: ALG



New Ascent™ Student and Student Discipline; after Ed Tech 2008 Conference

Ascent Student

You have selected a record that is not from the current school year

DEEM, DIANA JUANITA Age: 18
 Student #: 0000028373 Grade Level: 12 District: ASCENT PUBLIC SCHOOLS
 Phone #: Gender: F School: ASCENT HIGH SCHOOL
 Imported Student Id: 888826912 Year of Graduation: 06
 Native Language: E Ethnic Group: 02 Transportation Code: OL

Search Results Discipline

Results of Student Selection Criteria

School Year	District	School	Student Id	Student Name	Birth Date	Grade Level	Enroll Date	Withdraw Date
2007	I20	705	0000011292	DEDMON, MICHELLE L	11/21/1989	11	08/16/2006	05/23/2007
1995	I20	180	0000010460	DEDMON, RACHEAL ANN	09/27/1984	04	08/15/1994	01/30/1995
2005	I20	505	0000028373	DEEM, DIANA JUANITA	03/03/1990	08	11/18/2004	12/02/2004
2005	I20	705	0000028373	DEEM, DIANA JUANITA	03/03/1990	12	11/19/2004	04/04/2005
2005	I20	705	0000028373	DEEM, DIANA JUANITA	03/03/1990	12	04/06/2005	05/26/2005
2006	I20	705	0000028373	DEEM, DIANA JUANITA	03/03/1990	12	08/15/2005	05/25/2006

Ascent Student

Maintain Sanction Codes

Maintain Sanction Codes

Sanction Code	Sanction Description
02	Short Term out of School S
03	Long Term Out of School S
04	Expulsion
05	Interim Placement - Drugs
06	Court Appointed Hearing O
07	Specific Drug/Weapon Cod
99	Default Sanction codes

Maintain Sanction Codes (s)

Sanction Code []
 Description []
 Minimum Days []
 Maximum Days []
 IEP Students Only - Check if Yes
 Possible Permanent Expulsion - Check if Yes
 Possible Alternate Placement - Check if Yes
 Allow Partial Day - Check if Yes
 Check if Active

New Ascent™ GradeBook shown at Ed Tech 2008 Conference

Ascent GradeBook
 ENG 2 PRE AP:113
 Title: Obj 1 -- 1b
 School Year: 2007-2008 Term: Second Semester

Students	Tot	Grade to Date	OAFKTEST Test 01/01/2008	Vocab2Quiz Test 01/04/2008	Vocab4Quiz Test 01/14/2008	Vocab1-OAF Test 01/15/2008	Vocab3Quiz Test 01/18/2008	Oedipus Test 01/21/2008
Amos, Yonda	191	27.28	92	AB	34	26	23	16
Authorson, Robert	205	29.28	94	40	28		24	19
Bena, Hoff	208	29.71	88	SM	37	28	35	20
Clarks, Kim	188	26.85	79	SM	26	30	36	17
Frandsen, Fritz	229	32.71	94	28	28	28	38	13
Rayn, Linda	210	30.00	91	3	29	24	46	17
Reese, Norma	234	33.42	78	32	34	28	43	19
Rose, Emma	186	26.57	58	23	28	22	38	17
Saunders, Mary	149	21.28	44	28	20	10	33	14
Tomato, Ned	204	29.14	69	27	31	26	33	18
Toms, Jim	191	27.28	62	23	31	22	37	16

Teachers easily enter scores, or optionally, if students are using laptops or handheld computers with Personal Teaching®, the scores automatically come into the GradeBook.

Ascent GradeBook
 Score
 OAFK TEST

Student	Score
Amos, Yonda	92
Authorson, Robert	94
Bena, Hoff	88
Clarks, Kim	79
Frandsen, Fritz	94
Rayn, Linda	91
Reese, Norma	78
Rose, Emma	58
Saunders, Mary	44
Tomato, Ned	69
Toms, Jim	62

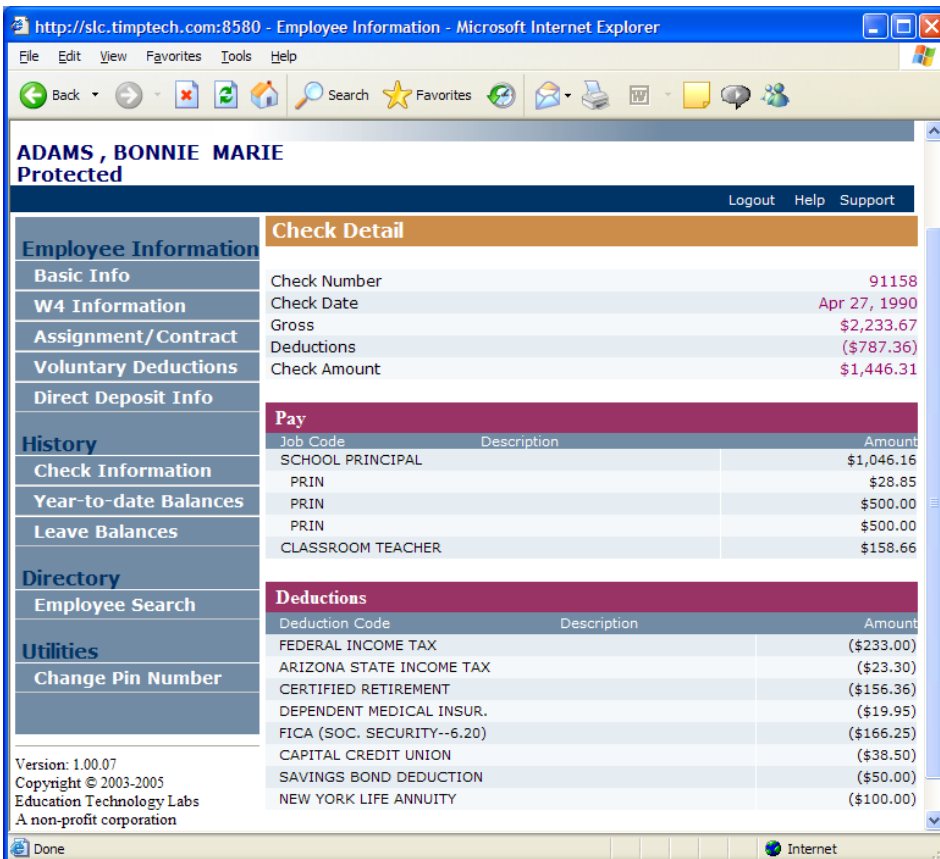
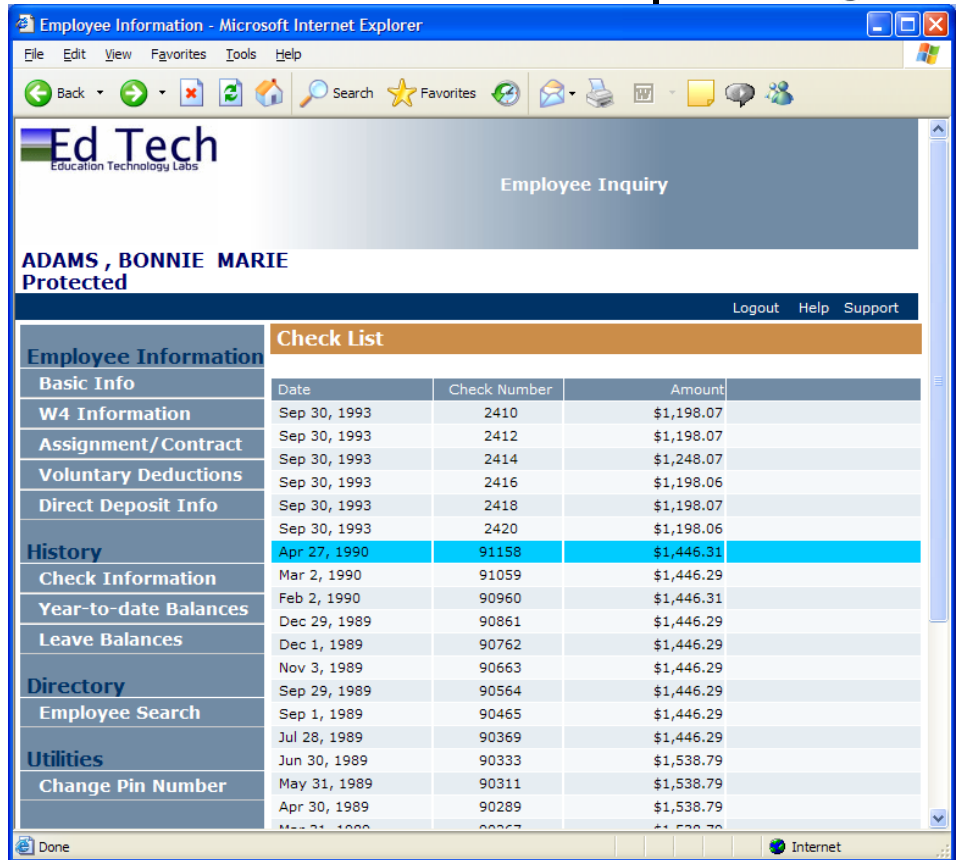


Employee Self Serve Application (ESS)

Now includes W-2 access — a continuing hit with districts that install it.

Has your district installed and used the *Employee Self Service (ESS)* web application? This program allows employees to lookup their own employee basic information, W4, assignment/contracts, deductions, direct deposits, leave balances and other information. Districts have control over the type of information that can be viewed by employees. The information displayed is maintained by the district through an administrative menu.

A popular ESS feature is the payroll check lookup feature, shown below. This program is



currently available in the Sharehouse™ with the latest updates, including access to W2's, having been added in April 2008.

If you don't have time to install and setup this application yourself, or perhaps need to add SSL protection for it, please consider having us do the work for you.

The two screens here demonstrate the easy payroll check lookup capability.



Blazing Towards New Horizons In Education Technology

*“Making ‘Every Child with a Laptop’
Effective and Teacher-directed”™*

New Ascent™ SchoolWork® Announced for July 2008



Timpanogos Technologies Quality Services

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- Calendars
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- Subscription services
- and many, many more...

For Technical Assistance



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9. Data extraction, organizing or presenting;
10. OpenOffice solutions — open source implementation, training, or enhancement;
11. Virus protection consulting;
12. Virtual machines on your IBM System i, including AIX, Linux, Windows and i5/OS.



Get Help for your Urgent Requests

For information or quotes on any of these services or products, send an email with your request to:

services@timptech.com

or call

(866) 804-4636, Ext. 204
Tom Stubben

Parent@School Success Story

Charles County Public Schools, MD, successfully implemented Parent@School for their entire district on 11/01/07. There are over 18,000 family units, with over 28,000 students in 34 buildings.

Joanne Good and Dennis Bustamante wanted to insure that the application was going to be available to all and worked hard to make sure the enrollment process would not be a bottle neck. They shared some of the key success factors they learned from their experience.

1. Communication with parents, students, faculty, staff, and administration is critical.
2. Various types of announcement correspondence were used along with a "Parent@School" registration night at each school where parents with a picture ID were able to get their User ID, password, and instructions.
3. They worked with Timp Tech to automatically create an

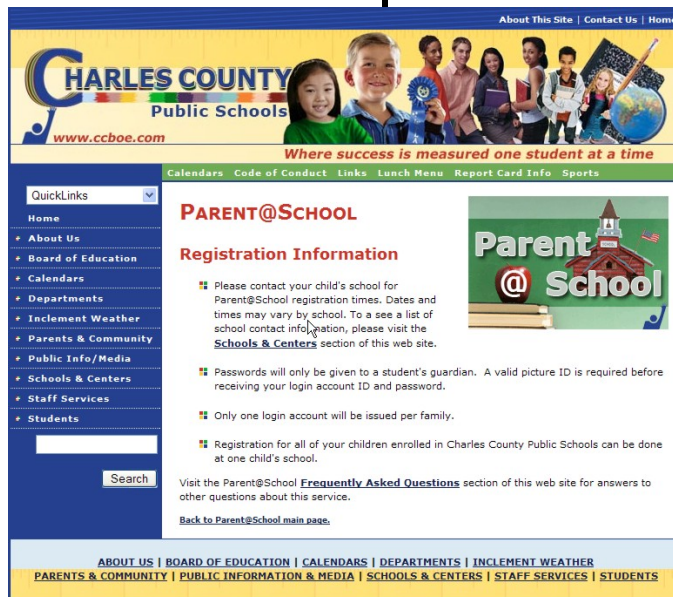
ID and password so the registration process took less than one minute per account that night.

According to Dennis, the feedback was good and the process was "Absolutely wonderful!" By the end of November they had over 10,000 hits with 6-12 calls on only minor issues.

Parents love the access and are so involved they are identifying enhancements and additional features they would like to see. Charles County is sharing the comments, suggestions, and concerns with Timp Tech™, and we are adding them to our development product plans.

Parent@School offers parents and administration secure, controlled access to:

- Student Demographics



- Student Attendance
- Student Schedules
- Immunization Records
- Student Transcript Records
- Lunch Account Balance Link
- Homework Assignment Link
- Links to Other Web Sites
- Graduation Requirements
- Current Grades for Assignments & Tests
- Interim and End-of-Period Grades

Another District reported:

"Our administrators really love it as we have set up accounts for all of the students in their school and they have a single portal to almost all of the electronic information they would want on a student."

New Student Scheduler — New Features:

- Course Scheduling Groups
- Vertical & Horizontal Linking for Teams
- New Scheduling Program
- Master Schedule Analysis Report

How to Contact Us

Sales and Membership:

For more product information, information on any of our services, or to request a quote contact:

Send an email to info@timptech.com

or call Tom Stubben at (866) 804-4636 Ext. 204

Support Services:

Timp Tech™ Customers should please use

FirstLine™

This is our online, web-based reporting and tracking tool where you can initiate a request for software assistance or search our knowledge base.

Reach FirstLine™ at www.support.timptech.com