



# ACL Analytics & Analytics Exchange

## Fall '16 Release: Data-Driven

## An Open Data Revolution: More power & simplicity for data scientists. 30+ CPEs. A reimagined new ACL Community platform.

With our Fall '16 Release, ACL is introducing “Open Data” architecture to integrate the world’s best tools and equip you with the ultimate in analytic power.

The Fall Release is packed with exciting improvements and value for all aspects of your work: making it easier to access more data, import that data, run your analytics faster, perform built-in predictive analytics—and enhanced continuous learning options, including on-demand CPE credits and learning from your peers in ACL Community.



### Stuff that will blow your mind:

- » 30+ CPE credits, valued at US\$3,000 - \$3,500 (per subscriber)
- » Re-invented easy data import experience
- » 15+ native connectors to common data sources
- » Certified connector from Tableau

### Stuff you'll love:

- » Faster engine performance
- » Longer naming supported
- » New visualizations and configuration options
- » ACL Community is getting bigger and better: learn more from your peers
- » New analytics ideas in ACL Inspirations and new scripts in ACL ScriptHub

### Stuff the advanced analytics users & IT will like:

- » R & Python integration to expand your data tool ecosystem
- » Import data using SQL queries from your IT team

### Stuff you didn't know you wanted, but you will!:

- » Built-in survey/questionnaire templates
- » Next generation storyboards
- » Profile data using metrics (KPIs, KRIs & KCIs)
- » The full features and improvements of ACL Results Manager Lite

# Top New Features

60+ epic feature bundles, 800 new features, powered by a 40% bigger R&D engine!



## CPE Credits & Professional Development

Get 30+ CPE credits through ACL Academy online training!



## 15 New Direct Data Connectors + Easy Data Import Wizard

Access more data, from more sources, more easily



## R & Python Integration

Extend ACL for statistical & predictive analytics



## Connector for BI and Visualization Tools

Connect ANY reporting or visualization tool to ACL for unlimited reporting & visualizations



## Enhanced Visualization & Storyboards

Track KPIs and KRIs with metrics & communicate data with meaningful context



## Surveys & Questionnaires

Integrate survey responses directly into your data record



## New, Reimagined ACL Community

A better way to connect, share & learn from professionals across thousands of customer organizations



## More Productivity Boosters...

# PLUS

All the awesome stuff you get with your ACL Subscription.

[Read More >>](#)

## CPE Credits & Professional Development

Get 30+ CPE credits through ACL Academy online training!



We understand the challenges of balancing a full-time career with being a lifelong learner. You already use ACL Academy to learn how to work better, so why not get credit for it? Most US states, for example, require approximately 40 credits/year in order to maintain a CPA designation. We're including more than half of this—**30 CPEs**—in your subscription. Additional courses coming in Spring 2017.

We're also introducing team progress reports, to help managers monitor training compliance through scheduled reports of their team's progress in Academy.

### WHAT'S THIS WORTH?

This translates to **\$3,000-\$3,500** in CPE credits per user. This is an incredible amount of value for individuals, but this awesomeness is compounded for organizations with multiple users.



## 15 New Direct Data Connectors + Easy Data Import Wizard

Access more data, from more sources, more easily

Many GRC, BI and Visualization software vendors claim they support analytics...few actually do. ACL now makes native transactional data import and analysis a snap with our new Data Import Wizard, featuring:

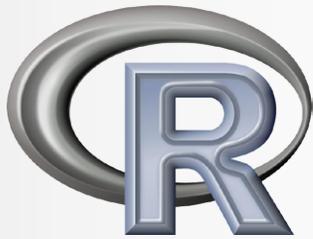
The screenshot displays the 'Analytics Data Access' interface. On the left, there's a 'Connection' panel with fields for Server (10.20.16.104), Database (DBNameHere), and Schema (Schema1). Below this is a search bar and a list of 'AVAILABLE TABLES' including 'One Table\_with-extra...', 'This\_is\_table\_two', and 'And\_table\_three'. The main area is the 'Staging Area' in 'SQL MODE', showing a join diagram between 'One Table\_with-extra...' and 'This\_is\_table\_two'. Below the diagram, it indicates '3 filters applied - View or edit' and shows a 'FILTER PREVIEW' with the following filter: 'Table.fieldname\_1 equals somevalue\_that\_we\_need AND Table.Another\_field equals Value AND Table.Field contains Value'. At the bottom, the 'Import Preview' section shows '2345 RECORDS' and a table with an 'Update' button. The footer contains input fields for 'Max Character Field Length' (50), 'Max Memo Field Length' (50000), and a checkbox for 'All ASCII characters', along with 'Back', 'Next', and 'Cancel' buttons.

- » Redesigned, modern interface
- » Server-side joins prior to import
- » Easy import interface & data preview
- » Multi-table imports
- » Apply data filters prior to import
- » Native SQL support to run any raw SQL select query as an import
- » New native data connectors for:
  - Oracle
  - SQL
  - Amazon DD
  - Redshift
  - Google BigQuery
  - Hadoop
  - Spark
  - MongoDB
  - Salesforce
  - and many more...



## R & Python Integration

Extend ACL for statistical & predictive analytics



Extend ACL to use the best data tool for the job. Integrate your ACL scripts and datasets with R and Python directly, connecting you with a new world of possibility for statistical modelling, predictive analytics, regression models, and more. With R, you gain access to a toolset commonly used by data scientists for prototyping, statistical and regression analysis. Python is an easy-to-write scripting language that excels in exploratory data mining, easy algorithms with superior performance at computing large data sets.



### INTEGRATE ACL WITH R & PYTHON TO:

- » Perform complex statistical calculations with ultra-high performance
- » Implement the highest level of predictive analysis
- » Leverage the vast data analysis and program libraries from the R and Python communities
- » Collaborate with data analysts and data scientists working in R or Python
- » Leverage industry-specific predictive and scenario models in banking, insurance, pharmaceuticals, etc.



## Connector for BI and Visualization Tools

Connect ANY reporting or visualization tool to ACL for unlimited reporting & visualizations



**+ a b | e a u**<sup>®</sup>  
C E R T I F I E D

Feed your ACL analytic output into your existing organization-wide visualization tools (which typically don't do analytics).

ACL project files are now their own data connector. Directly connect your ACL output to BI and visualization tools such as:

- » IBM Cognos
- » Microsoft<sup>®</sup> BI
- » Microsoft<sup>®</sup> Excel
- » Qlik<sup>®</sup>
- » SAP Crystal Reports
- » Tableau (ACL is now fully certified by Tableau as a reporting data source)
- » any BI or visualization tool



# Enhanced Visualization & Storyboards

Track KPIs and KRIs with metrics & communicate data with meaningful context

Use ACL's new visualization tools to track KPIs and KRIs with metrics:

- » Align KPIs to senior management
- » Track KRIs that measure threats to achievement of KPIs
- » Roll-up KPIs that relay control effectiveness
- » Use overall KRIs for a complete picture of risk management effectiveness

## GIVE DATA CONTEXT WITH STORYBOARDS

We've only begun the journey of telling powerful stories with the combination of data and narration. With the Fall '16 release, we're taking another big step.

### New Storyboard functionality includes:

- » Storyboard sharing
- » Click-through drill-down
- » Presentation mode
- » PDF export
- » Image insertion
- » Support for adding tables, crosstabs, and heatmaps
- » Support for adding metrics (KPIs, KRIs, and KCIs)
- » Annotations with commenting
- » Filtering options within storyboard

**TNE03 Outlier by Expense Category**

Vendor Name	report_number	employee_number	merchant_name
ed Khallili	017419	000205	Grove Taxi
ed Khallili	017927	000210	Kansas City Steak
ed Khallili	017254	000243	The Italian Connec
ed Khallili	017286	000243	The Italian Connec
ed Khallili	017301	000243	The Italian Connec
ed Khallili	017315	000243	The Italian Connec
ed Khallili	017471	000317	Grove Taxi
ed Khallili	017420	000445	Tapinis
ed Khallili	017328	000559	Karen's Kafe
ed Khallili	017461	000587	Black Top Cabs
ed Khallili	017393	000612	Little Gardens Sup
ed Khallili	017936	000612	The Italian Connec
ed Khallili	017322	000710	Andrews Restaura
ed Khallili	017392	000710	Wolfgang Puck
ed Khallili	017266	000732	Grove Taxi

**Key Performance Indicator Configuration**

Name: Count of Employee Number

Value: 4,103

Timeline: 2015 December 23 to 2016 March 23

Options:
 

- Should not go above
- Should not go below 2,000

**Bribery and Corruption Risk**

Risk-based compliance programs allow organizations to properly design mitigation strategies and strategically deploy resources to monitor potential instances of bribery, corruption, and fraud.

Significant advantages can be gained for global organizations that recognize the importance of identifying weaknesses throughout their business in terms of bribery, corruption and fraud prevention. Senior executives that are aggressive in filling gaps in current anti-corruption policies by implementing strong solutions can minimize future costs and improve business operations.

**BRIBERY RISK FORECAST**

**COUNTRY TOTALS**



## Surveys & Questionnaires

Integrate survey responses directly into your data record

Your ACL subscription now entitles you to survey capabilities using [ACL Results Manager Lite](#). ACL is SOC certified, so you can rest assured your data and responses are secure (not even the leading survey tool you may be monkeying around with is SOC certified!). Combine stakeholder responses directly to your data record, or conduct standalone compliance and assessment surveys to support audit readiness, policy and regulatory compliance, risk assessments—or build a whistleblower web hotline.

### SURVEY/QUESTIONNAIRE TEMPLATES

Don't know what to ask? We've built questionnaire templates to assist you in some of the common uses of our survey functionality. Or, you can quickly build your own. Available as part of your ACL subscription, you can grab these templates via your ACL Launchpad.

#### EXAMPLE TEMPLATES:

##### Audit Surveys

- ✓ Audit Readiness Questionnaire

##### Policy Compliance Surveys

- ✓ Gift Pre-Approval Request Form
- ✓ Gift Request Approval Form
- ✓ Policy Attestation

##### Fraud & Security Hotlines

- ✓ IT Incident Report Hotline
- ✓ Whistleblower Hotline

##### External Regulatory Surveys

- ✓ SOX 302 Certification
- ✓ International Boycott Report
- ✓ Managers Disclosure Certification
- ✓ Officers Disclosure Certification

##### Risk Assessments & Benchmarks

- ✓ Top Talent Loss Assessment
- ✓ Risk Assessment Query
- ✓ Customer Satisfaction Survey

PLUS



[Learn more >>](#)



## New, Reimagined ACL Community

A better way to connect, share & learn from professionals across thousands of customer organizations

ACL Community has been reimagined to be bigger and better than ever! Delivered on a revolutionary new platform, ACL Community gives you an easy way to connect to the experts and information you need. Consume searchable thought leadership and tips, ask questions and engage in discussions with other ACL customers, find local ACL User Groups, learn about events, provide product feedback, and more—all just a click away.

The screenshot shows the ACL Community website interface. At the top, there is a navigation bar with links for Home, Community, Store, Training, Help Docs, and Support, along with a search icon. Below the navigation bar, a welcome message reads "Welcome to the ACL Community" and "The place where over 14,000 awesome GRC teams worldwide connect with one another". A search bar is prominently displayed with the text "Connect, share and learn from other GRC professionals". Below the search bar, there are three main action buttons: "Ask a Question", "Share Product Ideas", and "Contact Support". The page also features sections for "Most Active Questions", "Latest Product Feedback", "Latest Blog Article", and "Top Community Members".

Figure 1: Experience the power of a global community for sharing and learning

Every organization with an active ACL subscription now has access to ACL Community for an unlimited number of staff.

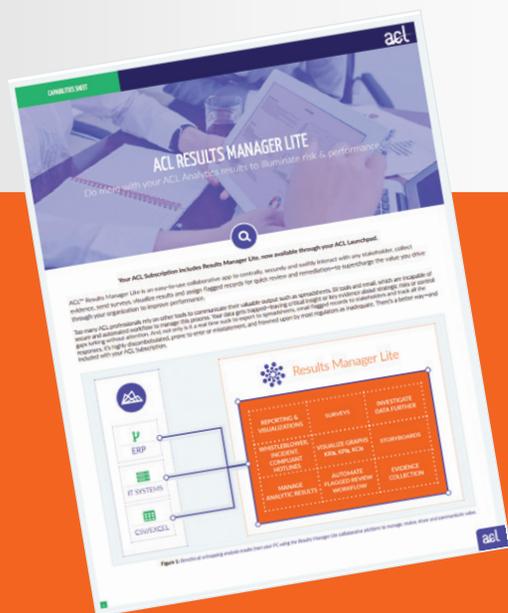
### COOL NEW STUFF:

- 1. Revolutionized Q&A & discussion forums** – A brand new Quora-like Q&A forum answered and edited by the ACL customer community. And a revived and elevated discussion forum within ACL Launchpad—now including gamified scoring and accreditation to reward the best contributors in the community.
- 2. A home for the global ACL User Group family** – Centralized sign-up and management of ACL User Groups makes it extremely easy to connect directly with other ACL customers in your own local area.
- 3. A direct feedback line to make your ACL experience get better and better** – Interact directly with ACL product designers and content developers to get the product enhancements and content you need to make your job easier and value delivery higher.

[Learn more >>](#)



## More Productivity Boosters...



We've also made some small improvements that make a big impact:

- » Robust performance: better memory management, 64-bit data connectors, and 64-bit Microsoft® Office support
- » New long names support across tables, scripts, view, log, and fields
- » Improved delimited file import
- » New STATISTICS commands
- » Newly added Mersenne-Twister random sampling algorithm
- » Improved importing from ACL Results Manager Lite (including filtering; import all fields without names) [Learn more about the ACL Results Manager Lite app, included with your subscription](#)

# PLUS

Learn more about the ACL Results Manager Lite app, included with your subscription.

[Read More >>](#)



“The data visualization is fantastic. Information is about communication. You can do the best analysis in the world, but if you’re handing over tables and tables of data, no one can consume it and take action. When you put it in a picture, you’re telling senior management a story about how the data has an impact on the business.”

— **Blair Richards**, Senior Manager, Australia Post

# What do I get with my ACL Subscription?

Training, best practices & productivity boosters built in

## Productivity Ecosystem:



### Academy

**24/7 online, interactive, comprehensive training.**

Upskill your team with self-paced lessons and flash demonstrations to learn new ways to apply ACL software. Now including 20+ CPEs.



### Inspiration

**100s of testing ideas built from decades of experience.**

Categorized by process area and industry, finding inspiration for where to apply data analytics is easy.



### ScriptHub

**Pre-built analytic scripts to plug into your projects.**

Apply advanced data analytic techniques without reinventing the wheel.



### Help & Training

**Next generation how-to documentation.**

Documentation for your Grampa's generation sucked. We take "how-to" seriously and hired awesome writers to help you stay up to speed, 21st century style.

## Other subscription benefits:

- » Support Center, 24X5, M-F
- » Searchable Online Knowledge Base
- » Up-to-Date Software Releases
- » ACL Community access for unlimited staff
- » Product Collaboration
- » AuditNet® Premium Subscription (valued at US\$140/user)

## Optional Tools & Apps:

### ACL Results Manager Lite.

A free app to centrally, securely and swiftly interact with stakeholders, collect evidence and surveys, visualize results, and assign flagged records for review and remediation.

[Learn more. >>](#)

### ACL Add-in for Excel.

A free tool that takes Microsoft® Excel to the next level with profiling and read-only protection, from the company that brought you the industry standard for financial controls analytics.

[Download Add-in for Excel. >>](#)

**AN**  
**10 vs. 11 vs. 12:**

**What's the difference?**  
View ACL Analytics  
version comparison chart



[Read More >>](#)

# Log in to ACL Launchpad today!

The screenshot displays the ACL Launchpad interface for Dunder Mifflin Inc. The main area features a central hub with icons for Project Manager, Risk Manager, Results Manager, Reports Manager, ACL for Windows, Analytics Exchange, and Add-in for Excel. The left sidebar contains sections for Help & Training, ACL Academy, ScriptHub, and Inspirations. The top navigation bar includes Settings, Users (20), Activations (3), User Settings, and Activity Logs.

- » Access your ACL products & upgrade to the latest version
- » Earn CPEs in ACL Academy
- » Get analytic ideas in ACL Inspirations
- » Grab scripts from ACL ScriptHub
- » Find a User Group in your area
- » Join ACL Community!

Log in to ACL Launchpad »»