IBM

IBM Technical Exploration Center (TEC)
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Expose,
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& Experience

IBM Software
for Smarter Planet.

The world is getting smaller, flatter and smarter. Today, people and systems are becoming more interconnected, instrumented and intelligent, offering businesses greater capabilities and opportunities than ever before.

You need Smarter Software to build a Smarter Planet

In the era of "smart", leaders are using the explosion of data to transform their enterprises and institutions through analytics, mobile technology, social business and the cloud. This new era is starting to reshape organizations who are changing how decisions are made, redesigning how their teams work, reassessing how to serve their customers, and changing the very nature of businesses, industries and governments - and the world.

At the heart of this transformation is software that powers today's systems and processes. It is the key to making sense of a smarter planet and harnessing its potential.

Come discover Software built to help build a Smarter Planet at the IBM TEC

The IBM TEC is simply the faster and easier way to immerse in Smarter Software that will help you conceive solutions to address your unique challenges as well as build capabilities to transform your organization. Facilitated by technology and domain experts & geared with the latest IBM Software, the TEC creates a dynamic and stimulating environment to:

Expose to emerging technology trends and how recent Smarter Software innovations relate to current business and organizational challenges
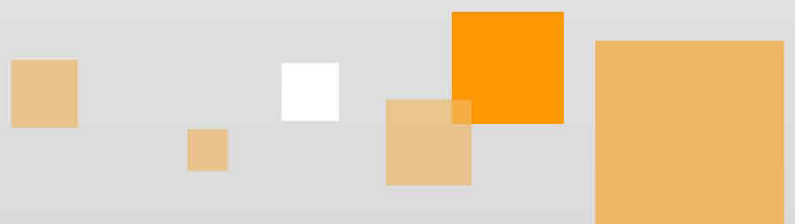
Explore Smarter Software solutions derived from real client engagements and learn how it is helping to build business and organizational capabilities

Experience through hands-on guided labs on how Smarter Software underlying technology helps build business and organizational capabilities

Start the conversation and move your organization towards being smarter

IBM Software helps clients build the capabilities to transform their industries and the world. What's your vision for your organization? Your industry? Your world?

Attend the Technical Exploration Center

Categories of TEC events in ASEAN

Explore

E-ANL-01 Harness the Power of BigData

E-ANL-06 Accelerate Analytics Reporting with Dynamic In-Memory Database

E-ANL-12 Manage and Mobilize Content for Operational Efficiencies

E-ANL-17 Open Up the World of Analytics with IBM Watson Analytics

E-ANL-18 IBM Maximo for PAS55, Health Safety & Environment and Work Management

E-ANL-19 Fraud Detection and Threat Management for Big Data

E-CLD-01 Put your business in motion. Become a mobile enterprise

E-CLD-02 Get your idea into production in minutes

E-CLD-03 Accelerate business innovation with integrated and scalable DevOps

E-CLD-04 Think, develop and monetize your ideas at the speed of light

E-CLD-05 Aspera High Speed File Transfer

E-MW-04 Achieve Predictability & Accuracy in the Application Delivery Lifecycle

E-MW-05 Next Generation Testing - From Web to Mobile and Beyond

E-MW-06 Application Performance Management for SAP Solution

E-MW-07 IBM Application Performance Management for WAS/MQ

E-MW-08 Mobilizing Your Mainframe - An Agile Transaction Processing Experience

E-MW-10 Exploring IBM Operation Analytics - Log Analysis 1.3.1

E-MW-11 Optimising IT Operations with IBM PureApplication

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E-ANL-02 Get An edge with Self Service Analytics Solutions

E-ANL-03 Modernizing your Data Warehouse for Big Data Analytics

E-ANL-04 Delivering Data Analytics and Internet of Things on Cloud

E-ANL-05 Discover The Value of Cloudant - A NoSQL Database on Cloud

E-ANL-07 Reduce Data Management Cost for Your Organisation

E-ANL-08 Transforming Information Into Business Insights: A Banking Scenario

E-ANL-09 Managing Data Explosion and Protecting Data Privacy In Your Enterprise

E-ANL-10 Transform Information Into Business Insights (An Insurance Scenario)

E-ANL-11 Managing Customer Experience with 360 Degree view of your customer

E-ANL-13 Drive Cost, Operational and Service efficiencies with automated data capture solutions

E-ANL-14 Drive successful Case outcomes with IBM Case Manager

E-ANL-15 Shape the Outcomes with Informed Decisions at Every Level of the Enterprise

E-ANL-16 Drive Better Business Outcomes with accurate and timely budgeting and forecasting

E-MW-01 Streamline Business Processes with Intelligent Decision Automation for Better Business Outcomes

E-MW-02 Accelerate Business Agility with Expert Integrated System: IBM PureApplication System

E-MW-03 Building an Interconnected Enterprise with APIs, Integration Bus and Gateways

E-MW-09 Improving operational agility and efficiency with Netcool Operations Insight

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Highlights - Explore

E-ANL-01 Harness the Power of BigData 1 day

Target Audience: LOB,Division Heads, Business Analysts, Architects, Project Managers, IT Managers.

In today's competitive marketplace, executive leaders are racing to convert data-driven insights into meaningful results. Successful leaders are infusing analytics throughout their organizations to drive smarter decisions, enable faster actions and optimize outcomes.

Organizations that learn from the industry Leaders and follow recommendations stand to answer the question of how to extract value out of analytics investments. By embracing analytics to drive smarter decisions and positively influence business outcomes, these organizations are well positioned to join the Leaders in outperforming their industry and market peers.

IBM is uniquely positioned to help clients navigate this transformation!

Come and experience in this proof-of-technology session through presentation and demonstration using real banking and telecommunications case studies as examples. In this session, participants will learn:

· What industry leaders are doing to leverage both internal and external data and derive new actionable insights,

· What are the industry specific use cases that can be enabled with Big Data & Analytics

· What systematic approaches to take when preparing your business' big data and analytics journey and how to maximize positive outcomes,

· How to enable continuous analysis of massive volumes of streaming data with sub-millisecond response times,

· How to manage and analyze internet-scale volumes of structured and unstructured data.

E-ANL-06 Accelerate Analytics Reporting with Dynamic In-Memory Database 1 day

Target Audience: LOB, IT Manager, Data Warehouse Architect, IT Manager

IBM® DB2® BLU Acceleration speeds analytics and reporting using dynamic in-memory columnar technologies that provide an extremely efficient way to retrieve (scan and find) high volumes of relevant data. Coupled with other innovative technologies such as parallel vector processing and actionable compression, the DB2 10.5 BLU Acceleration allows you to extract information at breakthrough speed and volume and less complex. The BLU Acceleration is very efficient and also simple to use: It is fully integrated with DB2. It does not require SQL or schema changes to implement. It eliminates the need for complex design and tuning. Just create tables, load data, and go! For additional value, this session also demonstrates the analytic capabilities of the IBM Cognos® Business Intelligence software in conjunction with the DB2 10.5 BLU Acceleration.

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E-ANL-12 Manage and Mobilize Content for Operational Efficiencies   0.5 day

Target Audience: LOB, Directors of Branch Operations, Shared Services, Claims, Accounts Payable, Business Process Owners, IT Directors/Managers

Business today needs to be able to get the right information to the right people at the right time. Yet despite the huge amount of content available in their organization, business leaders are still having difficulty deriving the critical business information locked within that content…..information that could drive faster and better decision making. With an effective Content Management system, unstructured content that exists in multiple formats in your organization can be moved (from hundreds or thousands of end user file systems) into a single repository where that content can be managed, stored, organized and leveraged - to its full potential.

Is your organization struggling with siloed information and the inevitable, paper based processes? With mobile and online interaction skyrocketing, how can you embrace digitization and automation to improve productivity? Mobile document capture using smart phone or tablets makes it easy to digitize the paperwork, significantly reducing labour and paper costs, enabling faster decision making and improved responsiveness

Join us at this TEC workshop to see how IBM ECM solutions can help to address the above challenges.

E-ANL-17 Open Up the World of Analytics with IBM Watson Analytics   2 hours

Target Audience: Business Users, Business Analysts, IT, Data Scientist, IT

IBM Watson™ Analytics delivers a unified analytics experience on the cloud and helps you focus on the drivers that matter most in your business. By automating the steps of data access and refinement, predictive analysis and visual storytelling, Watson Analytics immediately identifies and explains hidden patterns and relationships to accelerate your understanding of why things happened and what's likely to happen. Because Watson Analytics features natural language dialogue, you can ask the right questions and get results in the familiar terms of your business. Just as the first spreadsheet made financial calculations easier for anyone with a PC, Watson Analytics opens up the world of advanced analytics to all business users on the cloud.

E-ANL-18 IBM Maximo for PAS55, Health Safety & Environment and Work Management   **1 day**

Target Audience: Manager (Operation, Building, Asset)

This workshop has three topics, PAS55, HSE (Health Safety & Environment) and Work Management:

PAS55 / ISO 55000

As organizations face increased competition and the margins are strained we see a renewed interest in Asset Management best practices in order to squeeze maximum value from existing assets. PAS 55/ISO 55000 are becoming internationally accepted as the industry standards for quality asset management. These standards act as a valuable guideline for asset lifecycle management, quality control, and compliance.

In this workshop you will understand the basic framework and pre-requisite processes to achieve this standard approach with IBM Maximo. The participants will also be able to appreciate the progression of these standards and their importance in establishing Asset Management as a productivity improvement initiative.

HSE

The Workshop provides an overview of IBM Maximo HSE capabilities for audit management, incident reporting, risk assessment, corrective and preventative action (CAPA), calibration and maintenance, quality assurance, inspection, management of change, condition reporting, and training.

Also learn about the leverage achieved when HSE is coupled with Maximo's proven capabilities in work management, scheduling, preventive maintenance, job plan creation, monitoring, document control, reporting and collaboration, the solution provides a closed-loop management platform focused on execution excellence.

Work Schedule Management

The planning and scheduling of maintenance processes has always been a challenge for planners worldwide mainly due to the complex nature of dependencies on production schedules and minimization of downtime.

Maximo® Asset Management Scheduler is an end-to-end work management tool. It allows planners and schedulers to view all work orders and preventive maintenance schedules graphically on a Gantt chart. With inclusion of Optimization tools to enable constraint based scheduling, Maximo Scheduler offers much sought relief for planners who can now focus on value based activities like streamlining operational scheduling instead of manual resource assignments and capacity planning.

Dispatchers can locate and track their field resources on a public map and can manage emergency work – while staying in touch with field resources. Optimization models help gain significant efficiencies by automating work management tasks.

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E-ANL-19 Fraud Detection and Threat Management for Big Data   0.5 day

Target Audience: Law Enforcement/Defence/Police

As the security and threat landscape continues to evolve and becomes more asymmetrical, with criminals and terrorists leveraging new techniques to hide in the ever growing amount of Big Data - Law Enforcement organizations and Security Agencies, now more than ever, need innovative solutions that will help them turn that Big Data into an intelligence rich resource. Learn about the new, fully integrated, IBM i2 Big Data and Advanced Analytics solution, that brings new meaning to investigation.

This game changing solution is designed to help Intelligence Agencies and cross segment organizations accelerate the sense-making process, and generate timely actionable insight for better decision making. This solution allows multi source fusion and analysis of vast volumes of information for deep analytics via multi dimensional correlation. Using a number of Intelligence Analysis driven queries, analysis and visualization, analysts can quickly turn information into actionable insight.

Come and join us for this session to see this solution in action!

E-CLD-01 Put your business in motion. Become a mobile enterprise   5 hours

Target Audience: Program managers, IT Directors, IT Head, Application Head, Transformation leader, IT Managers, Application leads

With mobile becoming the focal point in our daily lives, organizations are required want to deliver a compelling mobile experience to customers, partners and employees, across many device types and operating systems. In order to reach these users, you can enable your organization to efficiently develop, connect, run, and manage mobile and Omni-channel applications.

While explosive global mobile adoption opens significant opportunities for enterprise growth and innovation, adoption of mobile also creates new challenges. Chief among these challenges is the need to reimagine, reinvent and retool your business for a mobile-first approach. Compatibility is not sufficient—mobile must be at the core of your strategy right from the start. Success at an enterprise scale requires systems, technology platforms and even an operating model that is designed with mobile in mind. This thorough, unified approach is the only way to deliver new levels of integration while you manage all levels of complexity, including heightened security requirement and the development of seamless Omni-channel experiences.

IBM® MobileFirst Platform enables you to build, enhance and continuously deliver mobile applications efficiently and effectively. It extends the development, delivery and management capabilities of IBM MobileFirst Platform Foundation with the addition of scalable data services, code scanning, quality assurance and geo-location support. The result is an integrated platform that accelerates the delivery of your mobile strategy with increased productivity and security—and provides users with a more engaging experience.

Visit us to explore IBM MobileFirst Platform capabilities that provides a comprehensive and open foundation to build, run, and manage your applications.

E-CLD-02 Get your idea into production in minutes 1 day

Target Audience: Developers, IT Manager, and Project Managers, Development Head or anyone who is concerned with delivery enterprise application faster

Your team depends on a collection of services for application development and deployment. What if you can

1. Accelerate app delivery: Develop, track, plan, deploy, monitor and scale in one place. Host an open source project. Develop software for a cause or your company's next bestseller. Not coding? Plan anything, even the monthly meetup.

2. Code in the cloud: Easily edit any text file or script from within your browser. The web IDE is likely all you need, but you can also bring your own tools. And if you have existing source code in a Github repository, connect to your DevOps project to track changes.

3. Deploy with confidence: Build, scan, test and package apps before deploying, manage the continuous delivery of production code to Bluemix, and ensure fast user feedback and quality metrics at every stage of development.

Are you new to Bluemix and are wondering how you could develop applications with IBM DevOps Services? Do you want to know how you could do agile project management developing on Bluemix? How do you use Bluemix for developing geographically distributed application?

Consistently deliver high-quality software faster by using IBM DevOps services for Bluemix—an end-to-end solution with all the services you need to deliver your innovative ideas quickly.

In this workshop will take you through IBM Bluemix DevOps Services on the cloud that supports continuous delivery. With IBM Bluemix DevOps Services, you can develop, track, plan, and deploy software in one place. We will demonstrate how a team of developers can work together from source code to a running application in minutes.

E-CLD-03 Accelerate business innovation with integrated and scalable DevOps 1 day

Target Audience: CIO, Operation Manager, Development Manager, Enterprise Architect, Operation Engineer.

As business success becomes more and more dependent on software delivery, time- to- market pressures increase. The rise of cloud and mobile functionality means more servers to configure and deploy to, and the concurrent rise of service-oriented architectures and micro-services has increased the number of components in solutions. The result is a software application environment with both more change and more complexity. Although speed is critical, quality is still the key to success.

The challenge is clear: many organizations, including those that adopted agile development practices, struggle to deliver quality applications to production in the time required.

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Enterprises now have the option of combining on-premise, private and public clouds with the collaborative DevOps capabilities they need to deliver apps faster -- along with the data security, control and integration. Continuous release and deployment practices help organizations relieve bottlenecks in application delivery, accelerate the delivery of complex applications, and decrease time to feedback.

In this workshop IBM expert will demonstrate key features and capabilities of IBM UrbanCode Release and Deploy solutions, part of a suite of IBM® DevOps offerings, to help organizations achieve continuous delivery of multiple interdependent applications into complex environments such as cloud, mobile and mainframe. These solutions are designed to help organizations achieve the benefits of continuous release and deployment, including reduced risk, faster time to market and improved productivity.

E-CLD-04 Think, develop and monetize your ideas at the speed of light   **1 day**

Target Audience: Developers, Enterprise Architects, Solution Architects, Innovation leader, Head of Application Development, Application Development Managers

Today's business environment is demanding greater flexibility in order to introduce new products to market faster. This requirement demands that new tools be available that promote such products to an ever increasingly interconnected, mobile, and social world. As a result, the digital fabric supporting the business must be designed for utmost flexibility in order to support modern business processes, and customer and partner interactions.

IBM has led the way in embracing new technologies to provide business solutions that benefit enterprises. Now, IBM is helping to define this new era of cloud computing via the IBM open cloud architecture, which reduces concerns of vendor lock-in and fosters an open API economy.

Through Bluemix and SoftLayer, IBM has introduced the core capabilities necessary to enable the enterprise for the world of systems of interaction and cloud-centric applications. IBM continues to enhance Bluemix and continues this journey of innovation for its clients.

Learn how IBM Bluemix – Digital Innovation Platform, helps you to innovate your business and revolutionize the way you think and bring to life disruptive ideas. Through the presentation of a variety of use cases in the Public Sector, underpinned by fundamental design principles of direct applicability to many other Industries, you will explore how to create sophisticated software applications and develop a key API-driven ecosystem of developers and 3rd-parties to boost revenues and brand engagement.

E-CLD-05 Aspera High Speed File Transfer   **1 day**

Target Audience: IT Managers, Operations team, LOB teams, Network Operations team.

With the explosive growth of file-based digital media in the creation, management and delivery of entertainment content, and similar trends toward file-based digitization of data across virtually all industries, fast and reliable

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movement of massive digital data over global distances is becoming vital to business success. The performance bottlenecks for wide area data movement are perhaps most pronounced in the emerging technologies of "virtual data centers" and "high-performance computing clouds", both public and private, which promise to consolidate and centralize global access to vast compute and storage systems, but in practice are constrained by the severe bottlenecks in accessing or moving data at distance.

IBM Aspera FASP is a next-generation protocol for reliable data transfer in file systems and applications that are presently impaired by the poor performance of TCP. FASP demonstrates end-to-end WAN data movement speeds that are up to hundreds or thousands of times faster than today's network file systems or transfer protocols over the emerging 10Gbps wide area networks and offers an exciting, ultimate end-to-end solution for data migration, disaster recovery, workflow optimization and management in varied industries such as media entertainment, pharmacology, academia, government, and national laboratories.

Join us to find out how you can transfer large files 10x, 100x or even 1000x faster than normal TCP transfer tools. With Aspera, you can transfer unlimited numbers of files of any size and transfer large files and data sets at high speed predictably and reliably, at long distances, and with complete security.

E-MW-04 Achieve Predictability & Accuracy in the Application Delivery Lifecycle   **1 day**

Target Audience: Application development team, Testing Teams, Test Architects

The software delivery tools marketplace today grew organically from point tools aimed at solving specific narrow needs in the software delivery lifecycle. The days of 18 to 24 month software development projects are over, and the timeframe is beginning to look more like 3 months. Teams and organizations who are concerned with all aspects of software delivery had to rely on multiple point-to-point integrations between tools. This has created barriers for teams to collaborate and have made cross-lifecycle processes and cross-tool integrations expensive and complex to manage.

IBM Rational Collaborative ALM solutions coordinate development lifecycle activities such as requirements definition, development, build, testing, and project management through improved traceability, automation, and reporting. These integrations are built upon the Jazz Foundation to increase the productivity of software delivery teams.

With IBM Rational Collaborative Lifecycle Management solutions, organizations can:

 - Depend on ALM solution helping an organization make connections across all the stages of the application's lifecycle.

 - Make use of range of management tools which all work together and can be accessed from "Single Interface".

 - Leverage a common project management tool integrated with software development lifecycle tools.

 - Improve project predictability by accessing unified reporting at the project and team level.

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E-MW-05 Next Generation Testing - From Web to Mobile and Beyond   **1 day**

Target Audience: Application development team, Testing Teams, Test Architects

Today's applications typically include multiple technologies ranging from mobile and web front ends, to middleware applications hosted on distributed platforms, to legacy back end services. There are more and more interfaces for the same application due to the combination of devices (tablets, phones, laptops, desktop computers) and ways to interact with them (device-specific "apps," browsers, and traditional client applications). More and more, we are seeing a convergence of wanting all the same capabilities on all of our devices. If your organization is meeting this challenge with multiple, independent test teams, you'll want to hear how you can meet this challenge with a smarter testing approach.

This session will provide an overview of the integration testing capabilities of Rational Test Workbench and Rational Quality Manager and how it can improve software quality by allowing testing to take place earlier in the lifecycle.

E-MW-06 Application Performance Management for SAP Solution   **1 day**

Target Audience: Operation and Application Team

This session is a guide to manage the end user response time for SAP transactions and monitoring of the SAP environments with IBM® Application Performance Management solutions. The solution works together to show a picture of the overall health of the SAP environment using agent/agent-less monitors that will not impact the performance of your SAP components. This enables you to stay ahead of your clients by knowing critical availability and status information and being able to proactively act on it. The solutions integrate with each other to discover the SAP environment, collect related elements into business services, and display notifications when events occur affecting the environment. From high level visual overviews of the SAP system, you can drill down to more detailed information about the infrastructure and events happening within it.

E-MW-07 IBM Application Performance Management for WAS/MQ   **1 day**

Target Audience: Operation and Application Team

Middleware systems may underperform for many reasons, one of the most major being bad system design, especially when very large heterogeneous distributed networks are involved. Common symptoms include too many thread waiting for connection, prolong web application session, inefficient routing of messages due to bottlenecks and congestion in parts of the network, which can result in slow delivery of messages or even message loss. However, identifying which part of a large system is causing the problem and the best method of remedying it, possibly by rerouting messages, requires great expertise and a very detailed knowledge of the system. This is where IBM® APM comes in.

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The solution can help you resolve the aforementioned problems in two ways. Firstly, it provides comprehensive, easy-to-use statistics that can help you identify bottlenecks within your middleware architecture with the minimum of effort. By monitoring the different attributes of your system, IBM APM can also alert you to potential problems within the system, such as message loss, queue overflow or failure of particular parts of the system, before they cause loss of critical application data. By analyzing the statistics provided, both in tabular and graph form, you can locate the root cause of the problem and resolve it before it begins to affect the systems that your business and customers depend on.

E-MW-08 Mobilizing Your Mainframe - An Agile Transaction Processing Experience   1 day

Target Audience: IT Architects, Application Programmers, CICS and MQ System Programmers

IBM System Z and Z/OS have a long history of providing critical business value with CICS Transaction Server as the premier enterprise-grade, multi-programming language application server trusted by businesses for more than 40 years. In 2015, the same businesses need mobile computing access to transactions and data on System Z. Hence the question for IT is how to rapidly build flexible, secure and manageable connections between mobile and the "internet of things" to CICS TS and the core System Z environment.

Join us for a+B6 one day workshop to learn about the latest IBM System Z technologies to support these rapidly growing banking channels:

• Mobile device interaction is made easier with Restful JavaScript Object Notation (JSON) services.

• Z/OS Connect enables connectivity between the internet of things and Z/OS systems, providing a flexible, secure and manageable interface to Z/OS programs and applications with data conversion services.

• API Management allows you to create, manage, and monitor an on-premise environment from which you can create, promote, consume, and track APIs.

• CICS implementation of cloud principles - 'Predefined application architectures, and required platform services, that are deployed and managed by the system according to a set of policies.'

• Enhanced support on Java in CICS Liberty.

• Policy thresholds safeguard a broader range of critical runtime resources.

• Distributed security standards simplify application integration.

• Multi-version applications simplify deployment of application updates or allow for easier roll-back.

• Enhanced security and scalability with MQ V8.0 for Z/OS.

• Superior performance with COBOL V5.2 and upgrade made easy with tooling.

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E-MW-10 Exploring IBM Operation Analytics - Log Analysis 1.3.1   **1 day**

Target Audience: IT Operators, IT Administrators and Application Team

IBM Operations Analytics - Log Analysis is one of the key offerings of the IBM Operations Analytics family of solutions. IBM Operations Analytics - Log Analysis provides the ability to ingest vast quantities of IT data, logs, events and more; slice and dice and index them in real time; and facilitate ad-hoc searches and presentation of those search results in various rich forms. This solution delivers the power of automated analysis and reporting technical issues quicker than could be achieved by IT team members alone.

E-MW-11 Optimising IT Operations with IBM PureApplication   **1 day**

Target Audience: IT Insfrastructure, DC Operation, System/Solution/IT Architect

As information technology moves to the strategic centre of business, organizations can no longer ignore the challenges in today's approach to computing:

• On an average, more than 70% of IT budgets are spent on operations and maintenance.

• Two-thirds of companies go over schedule on their project deployments.

• As Gary Barnett notes in the Bathwick Group report 'The Road to Smarter Computing', "Over the years, our IT systems have become complex and difficult to manage, and as a consequence IT is increasingly finding itself in the position of being a barrier to innovation rather than an enabler of it."

Therefore, organizations must embrace new business models and disruptive technologies to remain competitive, meet business need, and innovate. If you fall in this category of organizations, try answer following questions.

1. Are you looking for technology to help you to be more competitive?

2. Are you facing the challenges on how to deliver faster and better applications without compromising quality of your service engagement?

3. Do you face any challenge in getting your solution out of the door to get the first mover advantage?

4. Are you facing any challenge in dynamically scaling your infrastructure to meet desired service level?

If the answer is 'Yes' for any of the questions, this session is for you. We will look at how the above challenges you face can be resolved with IBM Systems PureApplication System, Software and Service.

This session will empower you to accelerate application delivery through dynamic run-time environments across a fluid hybrid cloud landscape. You'll also get to know the key concepts, technologies, and design consideration using private, public or hybrid cloud solutions.

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E-ANL-02 Get An edge with Self Service Analytics Solutions   1 day

Target Audience: Business and Data Analyst, Data Scientists, Business Intelligence & Analytics Architects and IT Managers.

Gone are the days when Business would only analyzes the known data is well understood such as data in a data warehouse that is well clean with well defined ETL processes and database constraints and in line with the required business dictionary or metadata. With the competitive environment and renewed focus on customer satisfaction a more agile process and greater Insight is required.

With the new paradigm data is being collected from variety of sources, curated, correlated and analyzed in an agile manner. Self-service data curation, transformation, and visualization becomes key part of being agile. A data scientist represents an evolution from the business or data analyst role.

In this event with the help of scenarios and hands on labs would help business and data analyst to learn some powerful self-service statistical, visualization and data analyzing tools from IBM.

We will cover usage and Analysis of Social Data, R statistical tool, Ad-hoc analysis and data preparation using BigSheet. Discovering relevant facts, patterns and relationships with Watson Analytics. We will also show how they can use SQL on Hadoop for increasing the scope of their existing analysis. You will also see how visualization can help enrich your Insight.

E-ANL-03 Modernizing your Data Warehouse for Big Data Analytics   2 days

Target Audience: Data Warehouse Architect

An organisation today faces challenges in expanding their existing data warehouse for Big Data adoption. Two majors challenges i.e. cost of expanding the existing data warehouse infrastructure or unable to accommodate nor analysis various raw data format (structure, unstructured, semi structure) for initial and fast exploration. Hence the need for Data Warehouse Modernization (or formerly known as Data Warehouse Augmentation).

IBM is in the forefront of the Data Warehouse Modernizations technology that can help you with the following:

   (a) Pre-Processing - using big data capabilities as a "landing zone" before determining what data should be moved to the data warehouse

   (b) Offloading - moving infrequently accessed data from data warehouses into enterprise-grade Hadoop

   (c) Exploration - using big data capabilities to explore and discover new high value data from massive amounts of raw data and free up the data warehouse for more structured, deep analytics.

If you answered yes to any of the above questions, the Data Warehouse Modernization use case is the best starting point for your big data journey.

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With Data Warehouse Modernization, organisations can:

-Combine streaming and other unstructured data sources to existing data warehouse investments

-Optimize data warehouse storage and provide query-able archive

-Rationalize the data warehouse for greater simplicity and lower cost

-Provide better query performance to enable complex analytical applications

 -Deliver improved business insights to operations for real-time decision-making

Come and experience how IBM BigData & Analytic Technology can help to modernise your Big Data project.

E-ANL-04 Delivering Data Analytics and Internet of Things on Cloud   **1 day**

Target Audience: LOB,Division Heads, Business Analysts, Architects, Project Managers, IT Managers, Mobile/Application Developer

IoT (Internet Of Things) is the new buzz word of the software industry today. For telco who connects sensors/devices to end users, it is a new revenue source; for sensors/device manufacturer in the vertical industries, it is mean to get to new market - end user retail market. However, IoT as technology is not a new. It is an existing technology with new characteristic. Before this, the sensors were isolated and works only with proprietor system/software. The new characteristic of IoT technology are standardization, interconnected, and integrated with business system.

IBM is uniquely positioned to support your IoT initiative. In Bluemix we have a development platform that packed with services that helps standardize, connects and integrate sensors/devices to business system.

Come and experience in this proof-of-technology session through presentation and demonstration using real IoT case study as examples. In this session, participants will learn:-

- How does an end to end IoT system is like.

- Explore the choice of technologies in different operating environment - always connected & scarcely connected.

- How to leverage on Cloudant, mobile app services, middleware, analytic tools to help increase productivity, simplify the development of IoT system.

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E-ANL-05 Discover The Value of Cloudant - A NoSQL Database on Cloud   1day

Target Audience : IT Manager, Database Developer, Cloud/Mobile Developer

IBM® Cloudant TM Data Layer delivers high availability, elastic scalability and innovative mobile device synchronization. Cloudant's JSON cloud-based data service allows mobile and web developers to quickly and easily store and access the rapidly increasing amount of mobile data using an application programming interface (API) that is significantly easier to use than alternatives.

Cloudant Local is a database management system (DBMS) platform that addresses the hybrid cloud demands of mobile application data management. It runs on premises to complement the IBM Cloudant Dedicated Cluster on-device and in the cloud. Increasingly, developers have embraced NoSQL databases because of their flexibility, and JSON has become the predominant NoSQL database technology for mobile and web app developers.
This session consists of both presentations and hands-on lab exercises.

E-ANL-07 Reduce Data Management Cost for Your Organisation   2 days

Target Audience : LOB, Oracle Developer, Oracle DBA, Data Management Architect, IT Manager

Many organizations are looking for ways to break free from high database operation and maintenance costs which can be largely categorized into 3 main areas:

• All storage savings on production databases are doubled when you consider that backups and disaster recovery mirrors can also be compressed. Many have seen compression as a way to improve I/O performance and efficient in memory utilization.

• Server costs are directly linked to database performance. When database software outperform the competition, it means that you can typically enjoy performance, thus deferring or eliminating new server purchase altogether.

• Database software that can help deliver significant saving on administration cost by monitoring and optimizing itself for greater performance without human intervention

If you are over paying your database vendor or are restricted by their pricing and maintenance policies, it's time to break free.

If you're an Oracle database administrator or database developer, you know that expanded skills mean expanded professional opportunities.

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Come and experience in this proof-of-technology session through presentation and hands-on lab. In this session, participants will learn :

• Comparison of features and functions with Oracle will be highlighted,

•The latest DB2 Blu Accelerator Technology e.g. Columnar, Relational and Hybrid Model

*PureScale Technology for High Availability

• How easy to manage IBM DB2,

• How to easily migrate oracle database to IBM DB2

In overall, learn and experience how IBM DB2 can help you lower cost of data, improve ROI and services level.

E-ANL-08 Transforming Information Into Business Insights: A Banking Scenario   **2 days**

Target Audience : LOB Users, Business Analyst, Data Modeler, Data warehouse Architect

In today's competitive world, making better decisions faster can make the difference between surviving and thriving. Most decisions currently are made based on information from internal systems, but are challenged with inaccurate and incomplete data, and also timeliness of data. On top of that, customers today are pressured with external factors such as new regulations, high customer expectation and risk management. Unreasonable demands from business users' for quick results force quick fixes to out-dated application adds additional pressure on IT.

All these demands are driving the need for an end-to-end capability to identify and understand trends that reduce risk by accessing and analyzing enterprise data. The ability to provide out of the box industry templates that accelerate the deployment of analytical applications and increase the success of the implementation is critical.

Come and experience this Proof-Of-Technology through presentations and hands-on lab exercises. Using the Banking Industry as an example, the participants will get to learn and experience the following:

- An integrated data warehouse solution which covers end to end information management tasks: business requirement gathering, logical data model design, physical model deployment and ETL processes design. All activities are performed with strong governance in place using metadata to manage and track automatically.

- Explore out of box industry data model through use of business analytics (using IBM Banking Industry data model as example) to help accelerate building of business focus key performance indicators (KPI) and insightful business reports. Examples of KPIs or Business Solution Templates (BSTs) are profitability, risk management, relationship marketing, asset liability management, regulatory compliance, investment management and wealth management.

E-ANL-09 Managing Data Explosion and Protecting Data Privacy In Your Enterprise   **2 days**

Target Audience: LOB Executives, IT Managers, Database Administrators, Developers

When it comes to data, more isn't always better. In fact, overgrown databases can impair the performance of your mission-critical ERP, CRM and custom applications – jeopardizing the superior service that you have worked so hard to provide. Not to mention high cost incurred in storage backup and server required for disaster recovery. You also may know a need for archiving, managing, retaining and disposing data according to business and compliance policies but face with great challenge.

In addition to data growth, securing application testing for quality and reliability has never been more important. Yet testing can be time consuming and expensive. How can you speed iterative testing, control costs and ensure test environments are secure?

Come and experience solutions to these challenges through presentation and hands-on lab. In this session, participants will learn

• How to discover hidden sensitive and error data
• How online data is archived across applications, databases, and platforms
• How archived data is made online and easily accessible i.e. retain historical/old data to meet business and compliance policies
• How to mask cloned production data to ensure data is protected for testing environments

E-ANL-10 Transform Information Into Business Insights (An Insurance Scenario)   **2 days**

Target Audience: LOB Users, Business Analyst, Data Modeler, Data warehouse Architect

The insurance industry tends to have an intense focus and demand on information around policyholders, agents claims, marketing, finance, Solvency II, and so on. One example on the real scenario, marketing team would want to grow business by performing cross selling and up-selling through marketing campaigns. There are challenges as the organization today are lacking business insights due to improper way in managing and capturing the data within organization. As the result, an insurance company may missed many business opportunities. Insurance Information Warehouse would help organization to build proven business analysis through its data structures which was built based on IBM extensive experience in data warehousing and business intelligence. Organization will be assisted with various KPIs to perform better business analysis, and hence grow business in various ways, comply to regulatory requirements, better risk management and many more.

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E-ANL-11 Managing Customer Experience with 360 Degree view of your customer   **1 day**

Target Audience: LOB Users, Division Heads like CMO, Data Architect, Business/Data Analysts.

To address critical business challenges like high operational costs, undifferentiated customer service, high risk associated with regulatory compliance, the need to introduce new products quickly, and the inability to cross-sell and up-sell, MDM (Master Data Management) provides a trusted view of critical entities typically stored and potentially duplicated in siloed applications - customers, suppliers, partners, products, materials, accounts, etc. MDM is a discipline that provides a consistent understanding of master data entities, and their relationships and hierarchies.

MDM is a key component for addressing big data challenges. Half of the big data initiatives today have customer-centric objectives. To improve the customer experience, organizations need to do what master data management has been doing for years – start with the facts about customers by defining the golden record. Come and experience with uniquely IBM MDM Solutions that help to address the above key challenges through presentation, use cases and hands-on lab.

E-ANL-13 Drive Cost, Operational and Service efficiencies with automated data capture solutions
2 days

Target Audience: LOB, Directors of Branch Operations, Shared Services, Claims, Accounts Payable, Business Process Owners, IT Directors/Managers

IBM® Datacap extracts information from document images for use in enterprise content management (ECM) and line-of-business systems. Datacap operates as a universal capture portal that transforms various forms of documents entering your organization through multiple channels - mobile, multifunction peripherals (MFPs), e-mail and fax. IBM Datacap can help significantly reduce labor and paper costs, deliver meaningful information for better, faster decision making and improve the responsiveness of customer service.

Come and experience the capability of IBM Data Cap:

   -Best-in-class capture with support for centralized and distributed capture models, including mobile devices, to meet your application requirements

   -Adaptable, extendible rules-based capture offers configuration of capture workflows and applications with a simple point-and-click interface to speed deployment

   -Capture and processing in proper context provides options for desktop, web or mobile clients to meet end user needs

   -Enhanced document classification features multiple options for locating and processing data on unstructured documents, including content analytics from IBM Watson

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E-ANL-14 Drive successful Case outcomes with IBM Case Manager   1 day

Target Audience: Business analysts, project managers, management decision makers,

Organizations face case management challenges that require more insight, responsiveness and collaboration. Advanced case management with IBM® Case Manager unifies information, processes and people to provide a 360-degree view of the case and achieve optimized outcomes. With Case Manager, knowledge workers can extract critical case information through integrated business rules, collaboration, and analytics -- all of which enhance decision making ability and leads to more successful case outcomes.

E-ANL-15 Shape the Outcomes with Informed Decisions at Every Level of the Enterprise   1 day

Target Audience: Business Users, Business Analysts, IT, Data Warehouse Administrators/Developers

Knowing your business, market, customers, and competition is critical for any organization.

Business intelligence connects people with information in an easy-to-use way so they can make better decisions. It helps:

• Set targets, see results and understand what drives the numbers.

• Identify trends that may be benefits or threats.

• Take action with a common context for decision-making across every department.

• Identify and analyze opportunities, trends and trends.

Critical business decisions are made at all levels and yet very often business managers and others below the top executive ranks complain that they often lack access to all the information they need, when they need it, and how they need it. The answer lies in expanded and improved BI solutions that can deliver effective business intelligence not just to the board room, but to the front lines as well. By integrating information, technology, and people, decision-makers at all levels can become performance managers—dedicated to using the metrics, plans, and reports for their functional areas to make firm, fact-based decisions.

This session will show through hands-on experience to:

• Deliver trusted information for a single version of the truth.

• Let you work with information the way you want—reports, dashboards, scorecards.

• Put tools in your hands to author and share information as you require.

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E-ANL-16 Drive Better Business Outcomes with accurate and timely budgeting and forecasting   1 day

Target Audience: Finance Managers, Planning/budget Managers, LOB heads, Senior IT managers

Spreadsheets are useful tools in many aspects of business, but they cannot support today's complicated enterprise planning needs because they:

• Are prone to data errors

• Cannot handle the complex processes of business modeling and aligning operational tactics and financial targets

• Lack features such as workflow, metadata management and version control for inter-departmental collaboration

• Often cannot provide the immediate, real-time information necessary for rapid corporate decision making

Companies spend countless hours each year developing the business plans, forecasts, reports and analyses that they depend on to drive strategic decision making and manage performance. It is critical that this information be accurate and timely, but it must also be easy to modify, given today's tumultuous economy.

Come learn more about IBM planning, budgeting and analytic solutions that help you deliver timely, reliable forecasts and plans. Discover how you can rapidly analyze and model planning requirements for your entire organization and use them to anticipate the correct course of action for better business outcomes.   Through presentations and hands-on exercise, this session will show how:

• To reduce planning cycles by 75% and reporting from days to minutes.

• Finance & LOBs can own and manage it.

• To provide exceptionally fast performance for large, sophisticated models and large data sets.

• To feature personalized planning and analytics—within a managed planning process—to explore performance gaps and validate corporate drivers.

E-MW-01 Streamline Business Processes with Intelligent Decision Automation for Better Business Outcomes   2 days

Target Audience: Business Process Designer, Business Analyst, Business Operations Team, Process Automation Team, Business Process Improvement / Change Management Team

Market conditions are changing rapidly and getting more unpredictable with market forces—such as mergers and acquisitions, expanding regulatory requirements, ever changing business policies and consumer's behavioral shift —can inhibit revenue growth. To survive and thrive, organization needs to improve the ability to not only meet but exceed their customers' expectations, not only react to, but able to sense and respond with right interaction at the right time, while keeping costs under control.and validate corporate drivers.

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Business Process Management with Operational Decision Management is the key to meeting these challenges. Your organization must streamline business processes to become capable of responding rapidly to changing market conditions with intelligent decision automation & process optimization involving people, applications, decision & information. IBM Smarter Process help your organization to:

- Optimize business operations with visibility through continuous process monitoring and analytics.

- Accelerate task completion through robust collaboration capabilities.

- Manage change confidently with intuitive governance.

- Deliver more meaningful customer engagements by extending business processes to mobile devices.

The 2-day workshop will provide participant a quick solution overview of IBM Business Process Manager and IBM Operational Decision Management . The participant will have the opportunity to experience the solution through the hands-on lab exploration. At the end of the workshop, the participant will gain better understanding of the IBM Business Process Manager and IBM Operational Decision Management concepts and be able to create, modify, manage, automate, monitor and govern the processes and decisions in a highly iterative agile development approach.

The following is a summary of the Smarter Process tracks that will be covered:

Day 1 Smarter BPM - Managing business process with speed, agility, transparency and intelligence

Day 2 Discovering the value of IBM Operational Decision Manager

E-MW-02 Accelerate Business Agility with Expert Integrated System: IBM PureApplication System 1.5 day

Target Audience: Line of Business Executives, Division Heads, Business Analysts, Architects, Project Managers, IT Managers

Designing, developing, and deploying a resilient enterprise application often requires expertise to manually architect, install, configure, integrate, optimize, and scale the components of a multi-server deployment.

IBM PureApplication System addresses these issues as an expert integrated system, combining the flexibility of a general purpose system, the simplicity of an appliance, and the elasticity of cloud. With integrated patterns of expertise designed to run Java and database workloads, and support for additional patterns for running other application environments, IBM PureApplication System arrives fully integrated from the IBM factory, architected by IBM experts, and ready to deploy workloads in less than four hours. The integrated expertise and simplified experience of the system fundamentally change the economics of IT.

Join this session to discover how you can help make IT the strategic center of business through:

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- Extendibility. Extend existing capabilities to mobile users and transform the business to yield new opportunities. Deliver a range of application development, connectivity and management capabilities that support a wide variety of mobile devices and mobile application types.

- Agility. As you seek to innovate to bring products and services to market faster, you need fast time-to-value. Expertise built into a solution can eliminate manual steps, automate delivery and support innovation.

- Efficiency. To reduce costs and conserve valuable resources, you must get the most out of your systems with energy efficiency, simple management and fast, automated response to problems. With built-in expertise, you can optimize your critical business applications and get the most out of your investments.

- Increased simplicity. You need a less complex environment. Patterns of expertise can help you easily consolidate diverse servers, storage and applications onto an easier-to-manage, integrated system.

- Control. With optimized patterns of expertise, you can accelerate cloud implementations to lower risk by improving security and reducing human error.

E-MW-03 Building an Interconnected Enterprise with APIs, Integration Bus and Gateways   2 days

Target Audience: IT Architects, Solution Designer, Developers

Many organizations struggle with developing and realizing an enterprise strategy for their API economy and integration architecture. In this session, IBM will present various technologies, patterns and motivators for transforming your organization into an Interconnected Enterprise. Whether you make this decision with a top down or bottoms up approach, industry analysts state the overwhelming majority of large companies will have more than one middleware and/or integration technology and will need to address the connectivity issues with a systematic approach. IBM Middleware Connectivity is able and ready to address beyond your SOA infrastructure. In an API economy, security, and messaging appliance are paramount to driving new innovation within your organization, It offers fast, flexible, and reliable access to information whether it resides across divisions, across enterprises, or in the cloud. It enables organizations to bridge people, processes, and applications to speed innovation, increase collaboration, and get enterprises closer to their customers.

Through the presentations, discussions and hands-on labs, this Technology Exploration session will provide you with good understanding on API management, adoption of Messaging Appliance, and Mobile security gateway to enable business agility and extend the reach of the enterprise.

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E-MW-09 Improving operational agility and efficiency with Netcool Operations Insight   **1 day**

Target Audience: IT Operators, IT Administrators and Technical Sale professional

IBM® Netcool® Operations Insight V1.3 combines the market-leading real-time event consolidation and correlation capabilities of IBM Tivoli®

Netcool/OMNIbus and the transformative power of IT operations analytics applied to all of the alerts and events managed by Netcool/OMNIbus. The analytics capabilities can also be applied to data from other applications, including application and system logs, Windows event logs, support information, and other types of unstructured data. Netcool Operations Insight provides operations with context and insight that increases operational agility and efficiency.

New event seasonality and related event analysis assists in detecting regularly occurring events and groups of events, enabling more proactive automation and resolution. Version 1.3 also provides real-time enrichment and sophisticated correlation to enable agile responses to alerts raised across disparate systems. Social media interactions help extend operational visibility to the business, providing dynamic incident and service information to key stake holders through IBM Connections.

Registrations

Contacts and Locations

The TEC event registration can be arranged through IBM Representative.

Please note that Country TEC event schedule published in the TEC website are subjected to changes. As seats are limited, IBM will provide confirmation if the enrollment is successful and notification will be sent 3 days prior to the event.

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