



Analítica en IBM MAXIMO EAM



CAPACIDADES ANALÍTICAS

CAPACIDADES ANALÍTICAS



Reportes Cognos



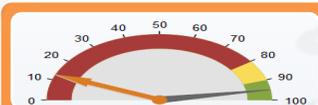
Maximo BI Packs



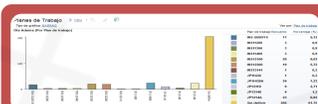
Reportes BIRT



Reportes Ad-Hoc



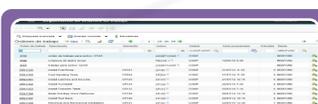
KPI's



Conjunto Resultados



Exportación Aplicaciones

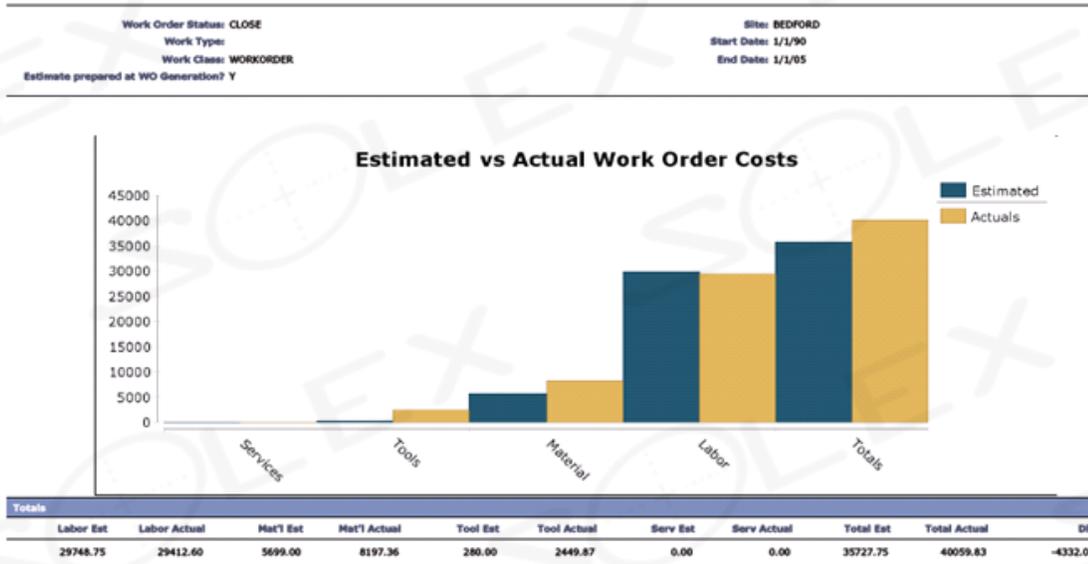


QBE- Descarga Datos



Capacidades Analíticas

Estimated vs Actual Work Order Costs



KPIs

PM Workorders Overdue

View	Site	Target	WO's Overdue	Trend
	Tillsonburg	20	31	↑↓
	Fenlon Falls	14	12	↑-
	Cedar Springs	20	15	↓↓
	Fenlon Falls	14	12	↑↓

KPI List

PM Work Orders Overdue
Brief descriptive text appears here. Second line of description.

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Brief descriptive text appears here. Second line of description.

EM Response to STD
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Description text or some sort of summary could appear in this area. Description text or some sort of summary could appear in this area.

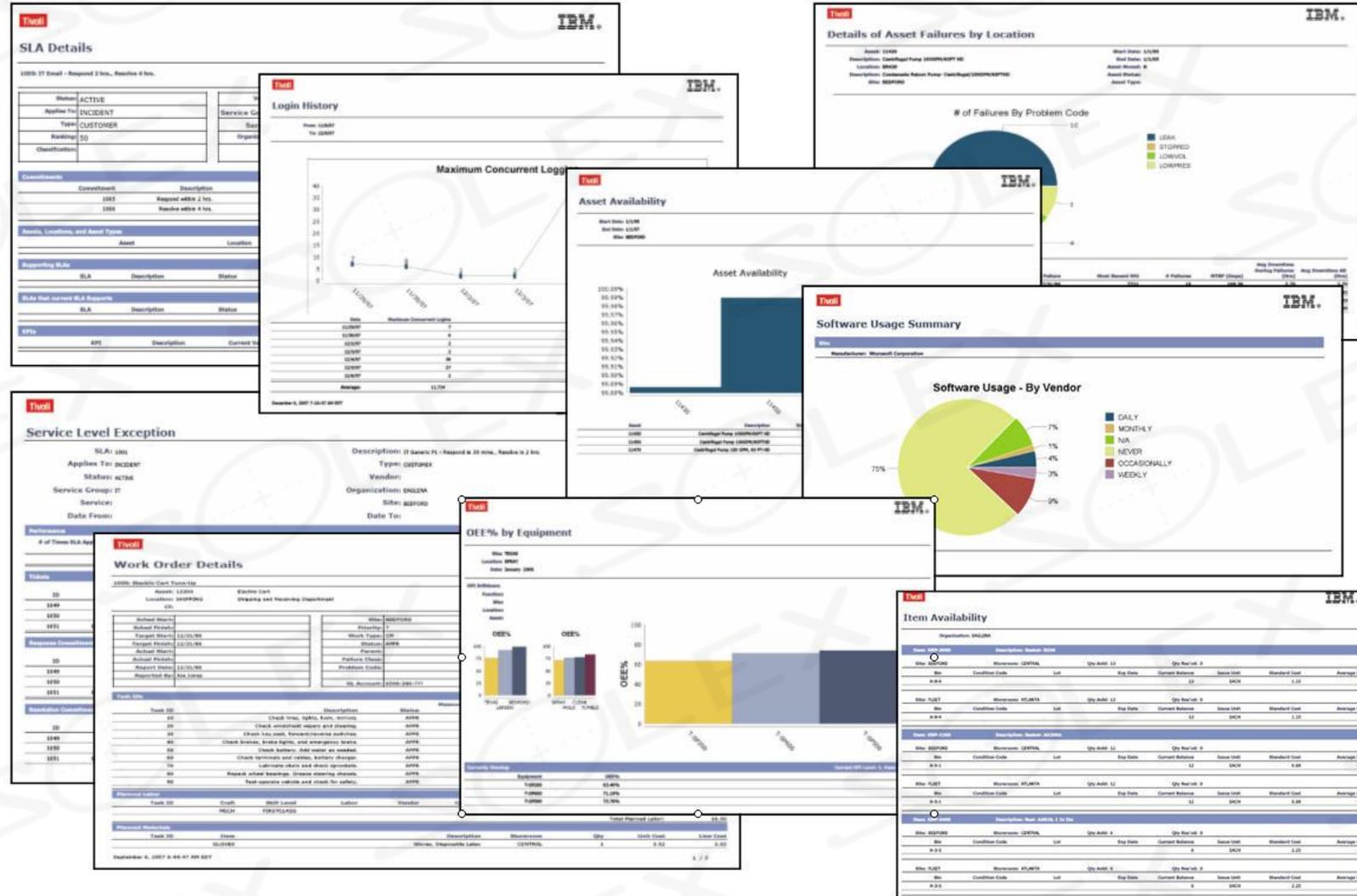
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EM Response to STD
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Adaptación de reportes ...

BIRT más de 150 reportes prediseñados con código fuente



COGNOS

La Realidad de hoy



BI es CRITICO para la usabilidad de maximo



Demanda creciente para Analítica ágil

2019

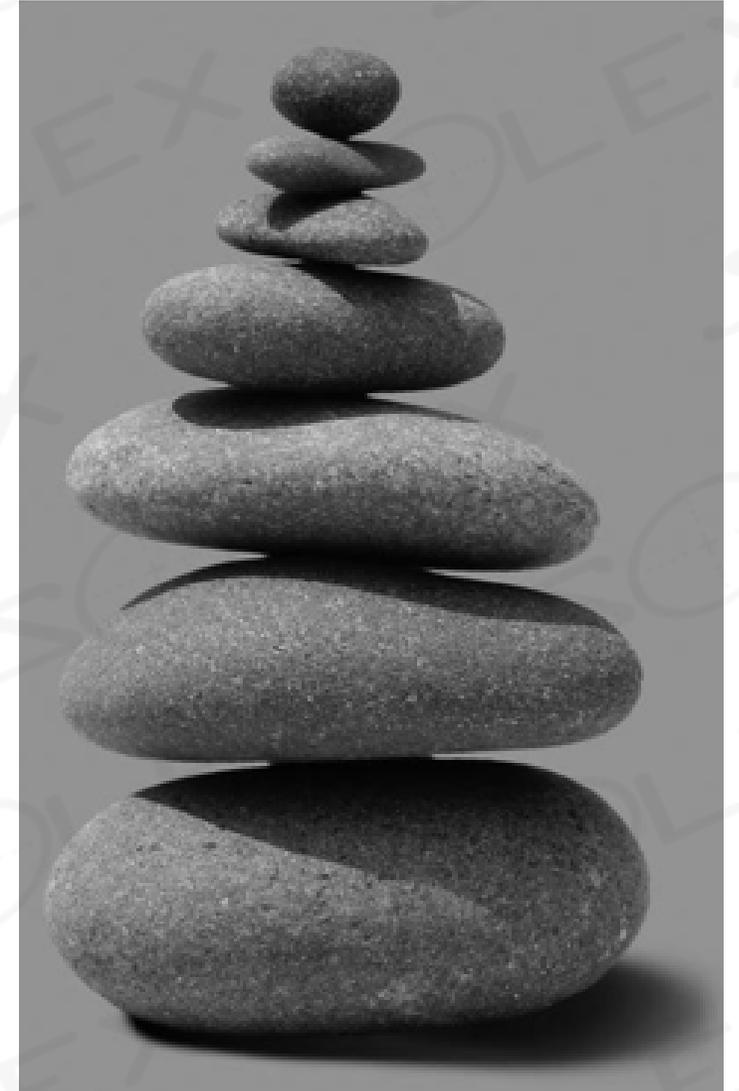
Resultados analíticos de usuarios negocio
con **capacidades de autoservicio**
superará la de los científicos de datos profesionales.

Source: Gartner

Balance sorprendente

Usuarios necesitan
construir

Las empresas necesitan
seguridad, gobernanza, y
vigilancia



maximo
power
user

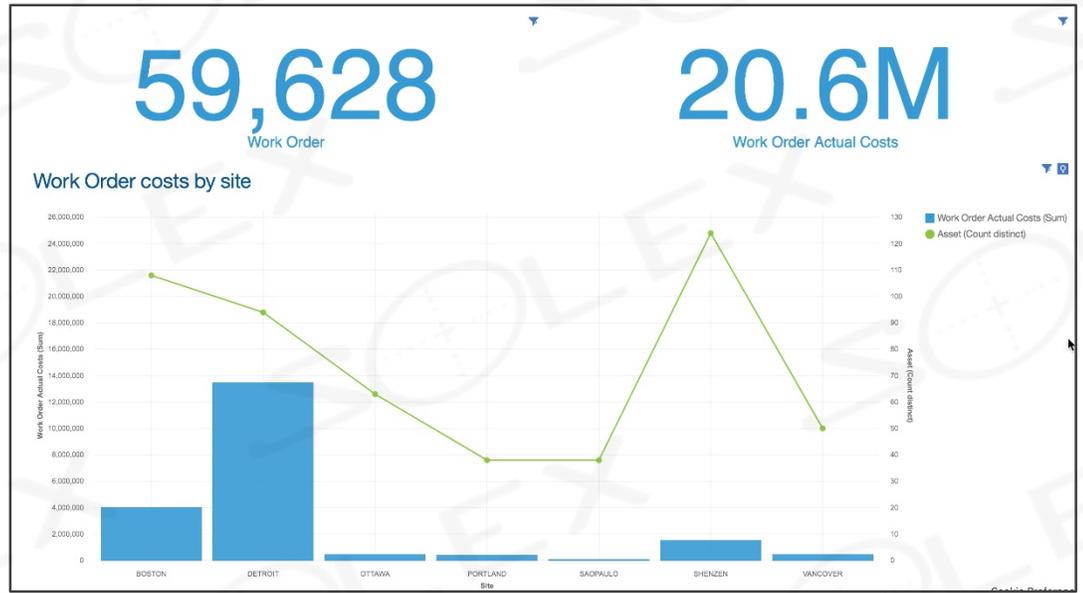
Crean
contenido
con agilidad,
autoservicio
y analítica



power user

cognos

Cómo?



cognos analytics multiple fuentes de datos

ACCOUNTDEFAULTS ADDRESS ADDUSER AGREEMENTINPUT AMICREW AMICREWAVAIL AMICREWCHNGS1 AMICREWLABO AMICREWLABPU AMICREWLABUNRES1 RILTED AMICREWMOJ
AMCREWT AMCREWTOO AMCREWTOOLSQ AMCREWTOOLUNRESTRICTED AMCREWVOLAB AMCREWWORKZONE AMCREWWTOL AMCTCRAF AMCTQUAL AMCTSTATIST AMCTT
APPTBKCOMMITPERSON APPTBKSTATUS APPTBKWINDOWAVAIL APPTBKWINDOWS APPTBOOK APPTBOOKASSIGNMENTS APPTBOOKOPLAN APPTWINDOWRANGE ARCHIVEARE
ASSETATTRIBUTE ASSETFEASPECHIST ASSETFEATURE ASSETFEATUREHIST ASSETFEATURESPEC ASSETFEATURESPEC
ASSETMETER ASSETMNTSKD ASSETMOVEDFLT ASSETOPSKD ASSETSPEC ASSETSPECHISTASSETS
ASSIGNMENT ASSIGNREPLCASSOCCONTINPUT ATTENDANCE AUTOATTRUPDATE BBOARDAUDI
BUDGETLINE BUDGETRULE BUDGETRULEASSOC BUDGETRULETRANSDATE BUDGETSTATUS BUD
CHARTOFACCOUNTS CI CLASSANCESOR CLASSIFICATION CLASSPEC CLASSPECUSEWITH CLAS
CONSTRANSACTION CONTRASSETMETER CONTCOMMODITY CONTLEASEEN DASSST CONTLINEASSE
CONTRACTLEASE CONTRACTLINE CONTRACTMASTER CONTRACTPURCH CONTRACTSFW CONTRAC
CRAFTSKILL CREATEINVOICE CREATERELINPUT DAILYCREWREASSIGN DEPHISTORY DEPLOYEDASSE
ESCREFPOINT ESCSTATUS EXCHANGE FAILURECODE FAILURELIST FAILUREREMARK FAILUREREPOR
HAZARD HAZARDPREC INCIDENT INSPECTIONFORM INSPECTIONFORMSTATUS INSPECTIONRESULT
INSPRESULTSTATUS INVDJUSTMENT INVBALANCES INVCOSTINVENTORY INVLIFFOFCOST INVLOI INVOLVE INVOLVECS1 INVOLVELINE INVOLVEMATCH INVOLVESTATUS INVOLVEIERN
INVTRANS INVUSE INVUSELINE INVUSELINESPLIT INVUSESTATUS INVENDORISSUECURRENTITEM ISSUEDITEMFORRETURN ISSUEITEMTOASSET ITEMORGCCHGSTATUS ITEMORGINFO ITE
ITEMSTRUCTJOBITEM JOBLABOR JOBMATERIAL JOBLPLAN JOBLPLANSPEC JOBSERVICE JOBTASK JOBTASKSPEC JOBTOL JPASSETSPLINK JPDUMMYSSTATUS JPRCOMWOINPUT JPTASKLOI
LABINVOCCCHANGE LABOR LABORAUTH LABORCERHIST LABORCRAFTRATE LABORQUAL LABORQ
LEASEVIEWLEASEVIEWLINE LIFOFFOCCOST LIMITOLERANCE LINESPLIT LNKCLAUSEATRNAME LOC
LOCATIONWORKZONE LOCAUTH LOCHIERARCHY LOCKOUT LOCLEADTIME LOMETERREADING LOM
MEASUREMENT MEASUREPOINT MEASUREUNIT METERDATA METERREADING MODDOWN TIMEHI
NAMEUSERS NETDEVICE NETPRINTER NWORZONE ORGANIZATION ORGFILTER PDSPEC PERSCOI
PMFOPRECASTCOSTCRONPARAM PMFOPRECASTCRONPARAM PMFOPRECASTP PMMETER PMISEASO
PPCRAFTRATE PPLABORRATE PR PRECAST PRECAUTION PREMIUMPAY PRICALC PRLINE PROBLEM PI
RECEIPTINPUTFND RELATEDRECORD REORDERMUTEX REORDERPAD REPFAUTH REPORTADHOC
ROTINSPECTIONLINE ROUTE_STOP ROUTES SAFETYLEXICON SAFETYPLAN SCHEDULE SCHEDULELIN
SFWLICENSE SFWLINE SFWVIEWSFWVIEWLINE SHIFT SHIFTPATTERNDAY SHIFTRANGE SHIPMENT SHIPMENTLINE SITE SITEOUTH SITECUM SHIPACTIVITY TUBE SUDER/PLM/PH/IT/ SUDER
SKDEXTRACAPTOOLVIEW SKDORINDEXESTMATRIX SKDOVERRIDEAVAIL SKDPMFOPRECAST SKDPMFOPRECAST JIP SKDPROJECT SKDPROJECTASSTS SKDPROJECTSHIFTS SKDUSAGE SKDWOM
SLADUMMYSSTATUS SLARECORDS SLROUTE SOLUTION SOLUTIONINSPC SPAREPART SPLEXICONLINK SPLITUSELINE SPRELATEDASSET SPWORKASSET SR TAGLOCK TAGOUT TAX TAXORDER
TIMEZONERULE TKOWNERHISTORY TKSERVICEADDRESS TKSTATUS TKTEMPLATE TKTEMPLATESPEC TKTEMLPACTIVITY TKTEMLPACTYSPEC TLOAMPMDFLT TLOAMPMDVALUE TLOAN
TRANSFERCURITEM UNASSIGNEDWORKVIEW USERPURGL VENDORSTATUS VIEWCONTINUT WAR
WMMASSIGNTMP WMMATCH WMMATCHCRW WOACTIVITY WOANCESTOR WOASSETSTOMOVEWK
WOLINEARSEARCH WOLOKOUT WOLOCUSERCUST WOMATSTATUSSYNC WOMETER WOOWNERI
WORKTYPE WORKVIEW WORKZONE WOSAFETYPLAN WOSERVICEADDRESS WOSTATUS WOTAGLO
WPSERVICE WPPTOOL ACTCI ACTCIRRELATION ACTCISPEC ACTION ACTIONGROUP ACTIONSCFG ACTI
APICSRFTOKE APIKEYTOKEN APILINKEDOBJECT APPDOCTYPE APPLICATIONAUTH APPLYNONWORK
ASSETISSUEITEMS ASSETMODIFYDFLT ASSETPOCOCACHE ASSETTYPE ASSETUSERCUSDFLT ASSETZE
ASYNCJOBBSINAP ATTRIBUTELOOKUPLIST AUDITLBSLOCATIONFILTER AUTHROLE AUTHROLEUSE
BUDGETFLAG BULLETINBOARD CALCWORKHOURS CALENDARVIEW CATEGORIES CATEGORIES2 CD
CISPECHIS CISTATUS CITEMPLATE CITYPECNGSTATUS CITYPESTATUS CLASSUSEWITH COLLECTION
COMMITEMPLATEDOCS COMMITPLTCHGSTAT COMMITPLTSENDO COMPANYSETFILTER COMPCONTACTMSTR COMPLETEWF COMPMASTER CONDITION CONFIRMLABTRANS CONTR
CONTRACTPROPERTY CONVERSION COSTTYPE CYPOLINE CREATESERVE REC CRONTASK HISTORY CTRL BREADCRUMB CTRL MAPCONTROL CTRL RECORDIMAGE CTRL RICHTTEXTEDITOR
CTRLMAPCONTROLGROUPS CTRLMAPCONTROLTOOLITEM CURRENCY CURWEATHER DAILYFORECAST DATABASEACCESSDATA BASEACCESSID DATASTORE DATASTOREBTS DATASTOREI
DATESELECTORDOW DATESELECTORFIRST DATESELECTORMONTHDATESELMINUTE DATESELPREVIEW
DMCOMPASYNCSMSG DMPKIDIDENTIFIER DMSAPISETTING DOCINFO DOCLINKS DOCTYPES DOMAIN
DPACNETDEVGARD DPACOMMDEVICE DPACOMPUTER DPACOS DPACPU DPACSOFTWARE DPACSV
EDITWFAPPTOOLBAR EMAIL ESCCOMMLOGESNOTIFICATIONONSCREPEATRACKESIGLOGIN EVENT
EXPGROUP EXTNODESINASTLOCREL FAONFIG FAVITEM FEATURES FEATURSPEC FEATURESTATU
GUESTTRUSTEMAIL GUESTRUSTPOLICY HISTWEATHER HOURLYFORECAST IBMCONTENT CATALOG
IBMCONTENTREPLACEMENTS IBMCONTENTREPLACEVALUES IERRCHANGESSTATUS IERRSTATUSDU
INPUTWFINSIGHT INSIGHTFACTOR INTOBIRELATION INVCHANGESSTATUS INVOICECHGSTAT INVUS
JOBPLANCLASS JOBPLANFILTER JPCANGESSTATUS KPAUTH KPICONFIG KPISHISTORY KPISHTPAR
L ASSETATTRIBUTE L COMMITTEMPLATE L COMPANIES L CONDITION L COSTTYPE L CTRLCONDR

Paquetes

Servidor de datos

Archivos

Modulo de datos



cognos analytics



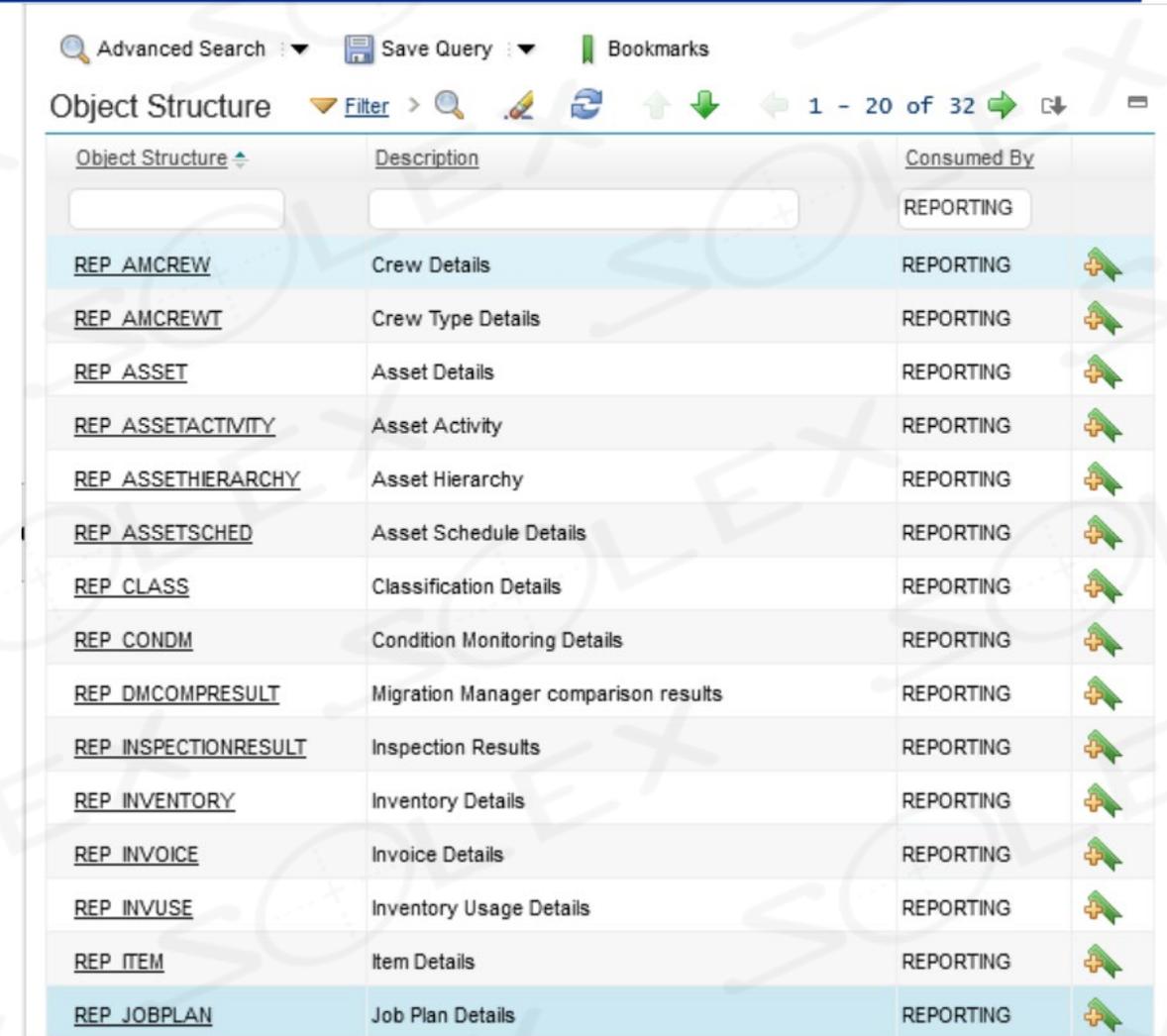
paquetes

Use estructuras de objeto en MAXIMO para crear paquetes en Cognos.

Los paquetes son creados para que una serie de objetos (tablas) relacionadas estén disponible para los usuarios.

Los paquetes deben contener toda la información que un usuario específico o un grupo de usuarios necesita para crear informes.

MAXIMO trae nativamente las estructuras para crear los paquetes a los objetos de negocio



The screenshot displays the 'Object Structure' interface in MAXIMO. At the top, there are navigation options: 'Advanced Search', 'Save Query', and 'Bookmarks'. Below this, the 'Object Structure' title is followed by a 'Filter' button and a search icon. A pagination bar shows '1 - 20 of 32'. The main content is a table with three columns: 'Object Structure', 'Description', and 'Consumed By'. The 'Consumed By' column contains a dropdown menu currently set to 'REPORTING'. Each row represents an object with a plus icon and a green arrow in the right margin.

Object Structure	Description	Consumed By
<input type="text"/>	<input type="text"/>	REPORTING
<u>REP_AMCREW</u>	Crew Details	REPORTING
<u>REP_AMCREWT</u>	Crew Type Details	REPORTING
<u>REP_ASSET</u>	Asset Details	REPORTING
<u>REP_ASSETACTIVITY</u>	Asset Activity	REPORTING
<u>REP_ASSETHIERARCHY</u>	Asset Hierarchy	REPORTING
<u>REP_ASSETSCHED</u>	Asset Schedule Details	REPORTING
<u>REP_CLASS</u>	Classification Details	REPORTING
<u>REP_CONDM</u>	Condition Monitoring Details	REPORTING
<u>REP_DMCOMPRESULT</u>	Migration Manager comparison results	REPORTING
<u>REP_INSPECTIONRESULT</u>	Inspection Results	REPORTING
<u>REP_INVENTORY</u>	Inventory Details	REPORTING
<u>REP_INVOICE</u>	Invoice Details	REPORTING
<u>REP_INVUSE</u>	Inventory Usage Details	REPORTING
<u>REP_ITEM</u>	Item Details	REPORTING
<u>REP_JOBPLAN</u>	Job Plan Details	REPORTING

Maximo 76 Cognos: Publicación de Paquetes

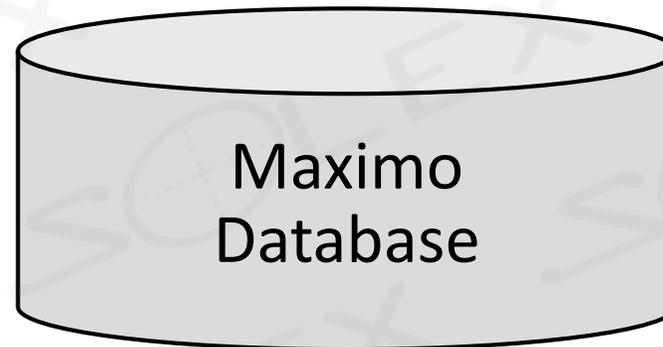


Maximo 7.6.1



Cognos Analytics
Server

Meta Data Publishing (Integration Framework)



Maximo
Database

Servidor de datos

Defina conexiones con la base de datos de maximo

Caso de uso: connects a version archivada de maximo 62 database

The screenshot displays the IBM Cognos Analytics interface. On the left, a navigation pane shows 'Data server connections'. The main area is divided into two panels. The left panel, titled 'Select a type', lists various database connectors: Cludera Impala, Computer Associates IDMS, Denodo, Exasol EXASolution, Google BigQuery, Hive, IBM Big SQL, IBM Db2, IBM Db2 for i, IBM Db2 Warehouse, IBM Informix Dynamic Server, IBM Netezza, and IBM Planning Analytics. The right panel shows the configuration for a connection named 'DB210AT4'. It includes fields for 'Owner' (Unknown) and 'Type' (Connection). Below this, there are tabs for 'General', 'Settings', 'Schemas', and 'Permissions'. The 'Settings' tab is active, showing 'Authentication method' options: 'Connect anonymously', 'Prompt for the user ID and password', 'Use an External Namespace', and 'Use the following signon:'. The 'Use the following signon' option is selected, and the signon name is 'DB210AT4'. A 'Test' button is visible, and a green checkmark indicates 'Success'. A 'Save' button is at the bottom right.

maximo database

archivos

Arrastre y suelte archivos de datos en Cognos 11

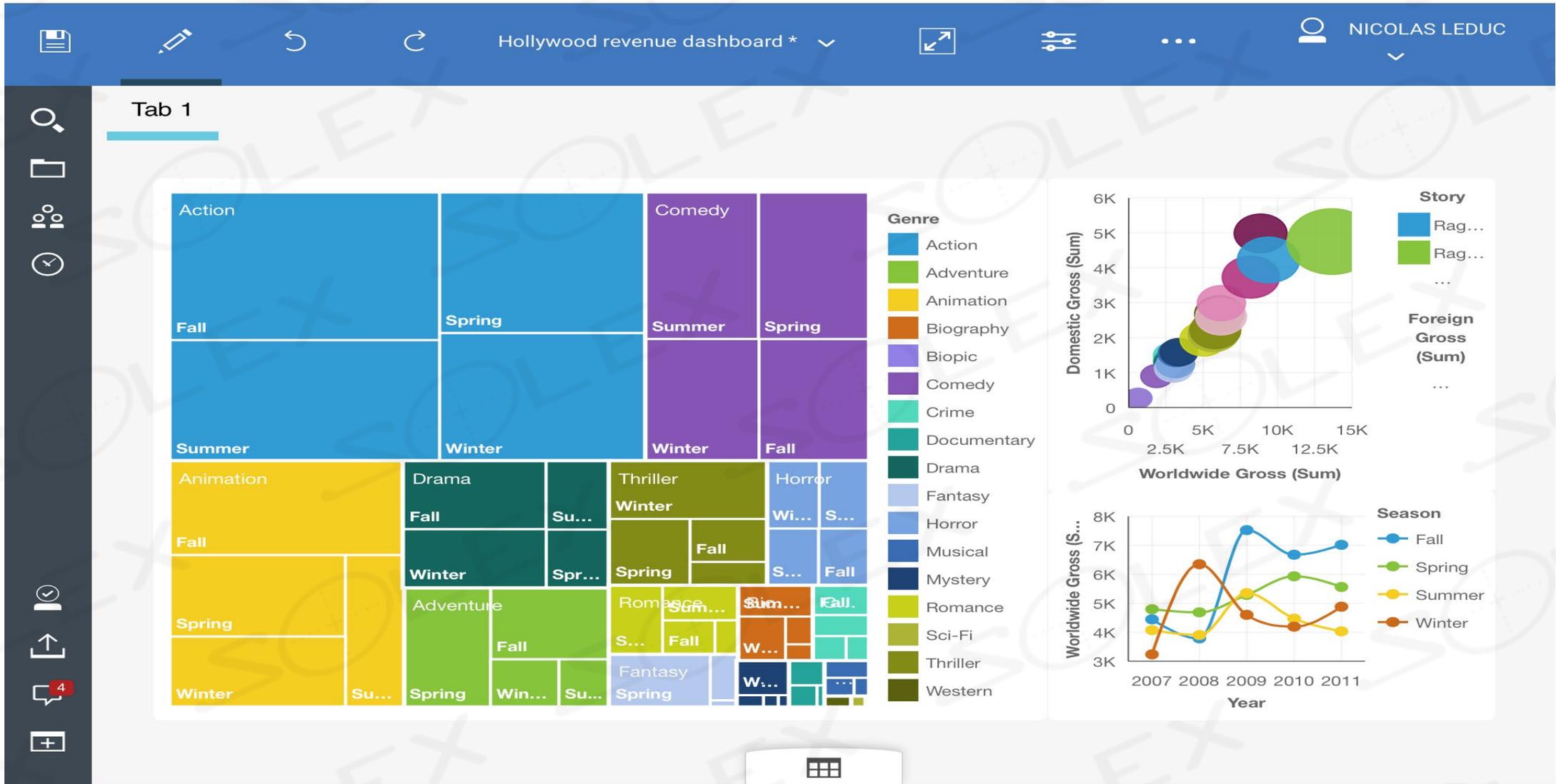
The image shows a side-by-side comparison of a file explorer and a Cognos 11 web interface. On the left, a Windows File Explorer window is open to a folder named 'ELUM2019', showing two Excel files: 'ActivoBedford.xlsx' and 'OTsBedford.xlsx'. On the right, the Cognos 11 web interface is shown in a browser window. The URL is 'https://tryca.ca.analytics.ibm.com/bi/?perspective=ca-modeller&id=2166587770_57d92026e6194e...'. The interface has a blue header with 'Nuevo módulo de datos' and a 'Buy now' button. Below the header, there is a search bar and a 'Nuevo módulo de datos' button. The main content area is mostly empty, with a 'Datos de vista previa' section that includes instructions: 'Para obtener una vista previa de los datos, seleccione una tabla, una columna o una carpeta que contenga columnas.' and a 'Get Started' button with a '3' in a circle.

maximo
power
user

Qué tan
rápido se
crea
contenido?



DASHBOARDS



REPORTES

Enterprise reports
Power users and Developers

Plantillas y Estilos
Experiencia guiada
Arrastrar y soltar
Visualizaciones sugeridas

Boston Asset Report

Location	Assetnum	Description	Failurecode	Manufacturer	Ytdcost	Totalcost	Totdowntime
L11BI999	A12A1BI999	Automated Tfinish Line - Conveyor	FINSH	ROCKWELL	205	8,190	63
	A12ABI999	Automated Tfinish	FINSH	ROCKWELL	250	10,010	77
	A3A1BI999	PUMP, L-221LO	PUMP	GOULDS	663	26,520	204
	A3ABI999	PUMP, L-2198H	PUMP	GOULDS	683	27,300	210
	A4ABI999	Automated DK finish Line - FANS	FAN	ROCKWELL	299	11,960	92
L11BI999 - Summary					2,100	83,960	646
L11BM999	A12A1BM999	Automated EAST Finsh -MOTOR	MOTORS	ROCKWELL	1,986	78,650	605
	A12ABM999	Automated EAST Finsh -CON	FINSH	ROCKWELL	761	30,459	234
	A3A1BM999	Dryer A3A Line	DRY	IMC	302	12,090	93
	A3ABM999	Dryer A3 Unit	DRY	IMC	371	14,820	114
L11BM999 - Summary					3,400	136,019	1,046
L1AZBM999	A1BM999	Automated West finish Line - Conveyor	CONVYR	ROCKWELL	702	28,080	216
	A12BM999	Automated EAST Finsh	FINSH	ROCKWELL	234	9,360	72
	A13BM999	Automated EASTWEST Finsh	FINSH	ROCKWELL	249	9,945	77
	A21BM999	PUMP, J89TYT	PUMP	GOULDS	1,144	45,760	352
	A23BM999	PUMP, L97	PUMP	GOULDS	1,788	71,500	550
	A2BM999	PUMP, J89N	PUMP	GOULDS	1,144	45,760	352
L1AZBM999 - Summary					5,261	210,405	1,619

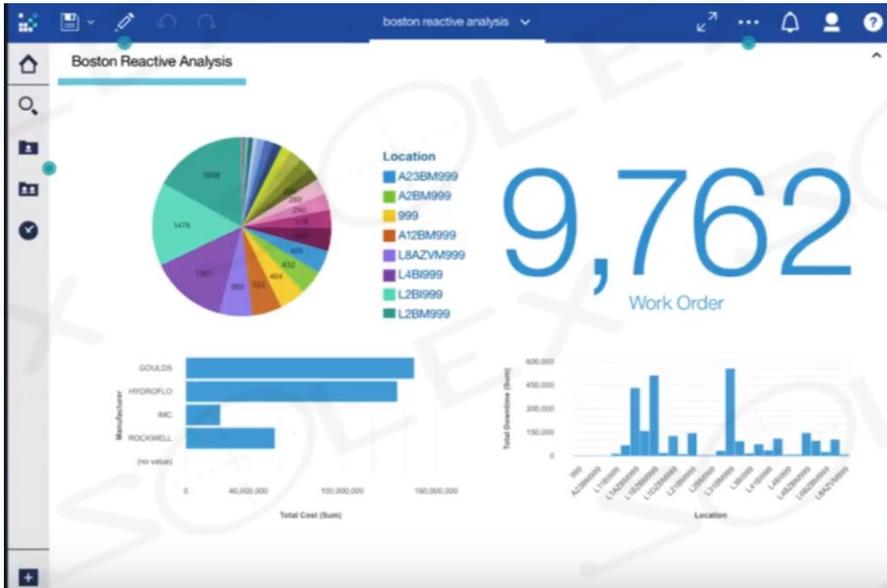
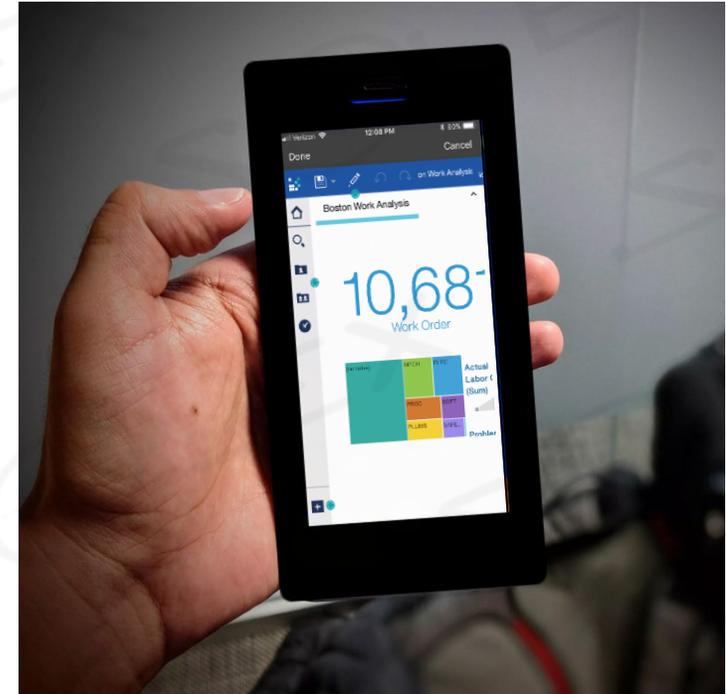
MOVILIDAD

Disponible para iOS y Android.

Interfaz amigable al tacto

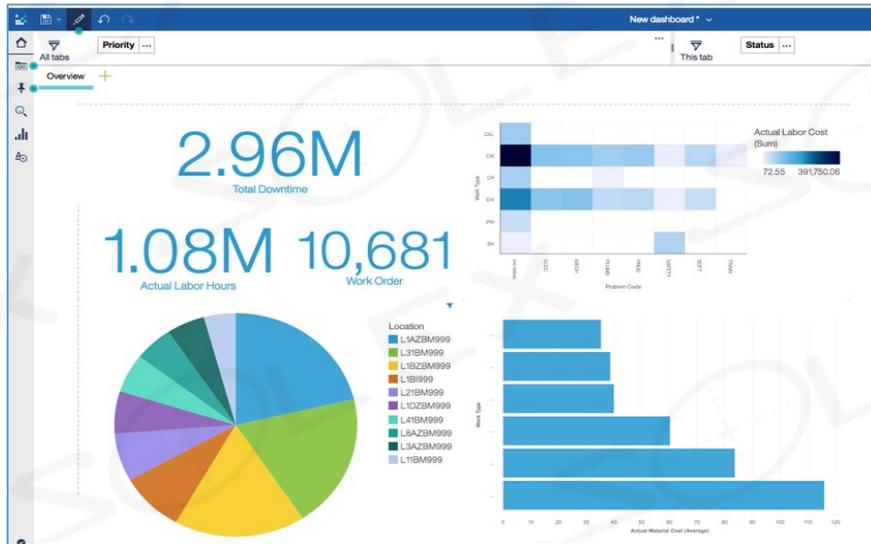
Solo capacidades móviles son mostradas

Responsive



COGNOS 11 con IBM MAXIMO EAM

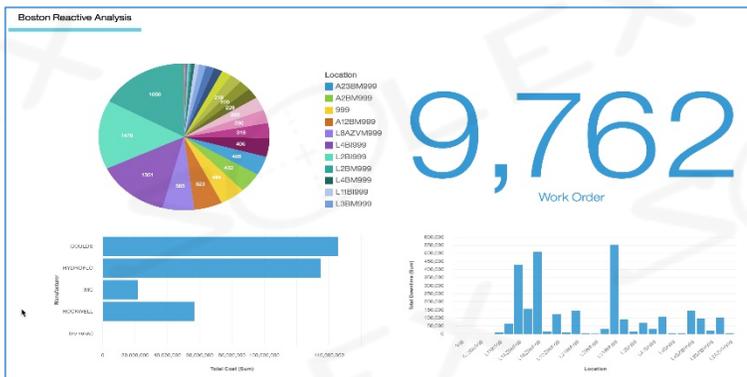
Próxima ola de inteligencia negocios para la empresa basada en datos.



¡Amplíe sus capacidades de análisis de datos a las funciones de dashboards y autoservicio proporcionadas por Cognos Analytics!

Cree informes y dashboards interesantes a partir de los paquetes que publica desde Máximo.

Visualice, explore y comparta información sobre sus datos de Maximo en el entorno gobernado por Cognos.



Subase a MAXIMO 7.6.1 y alcance todo el potencial de sus datos con Cognos Analytics!



Gracias



www.solex.biz

