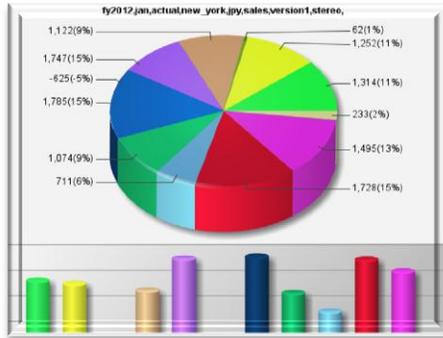


## Solutions Simplified



Curveline Management solutions are designed to allow companies to easily turn the volumes of data they collect and store into meaningful information. When key information is readily accessible, you can make better and timelier business decisions.

Curveline offers a comprehensive suite of data analytics and reporting solutions to allow individuals throughout a company to assess business performance from a number of angles, based on data from numerous sources. A shared, consolidated view of key business performance measurements is crucial in supporting decision-making.

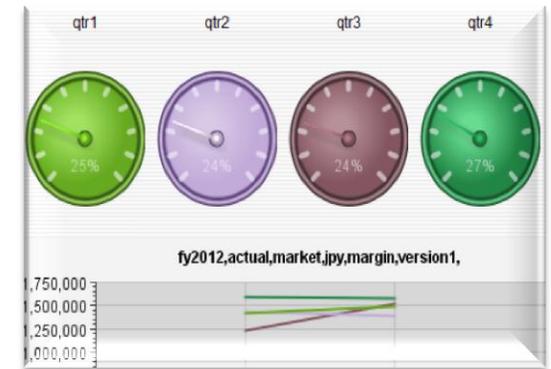
## SYSVEDA

1-8-3 Shibuya  
Shibuya-ku  
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## Curveline Management Solutions

### Product Information



## Business Simplified

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## Curveline Management Solutions (CMS) – Features 1



CMS Workflow.

### CMS Overview:

CMS provides an intuitive user interface with in-built workflow and dashboard engines. Departmental managers can easily review and approve/reject the data and also check the latest status of the reporting entities on a real-time basis. Also powerful real-time intercompany matching and reconciliation can be done which helps the headquarters to do a faster closing. Logic is customizable and cross-rate translation, group adjustments, allocations and consolidation can be done with ease.

### Workflow

CMS workflow can be created by a simple drag and drop feature. The workflow can be assigned to different businesses, groups and users. Every user can be assigned to multiple businesses and taskflows. Each workflow component can be customized to include a due-date. IT skills are not required to manage the workflows. Business administrators can easily manage the components in workflows because of its easy to learn interface.

### The Review Process

組織	名称	オーナー	承認者	ステータス
Market	Market			作業中
East	East			作業中
New_York	ニューヨーク	nyuser1	nyuser1	作業中
Boston	ボストン	bostonuser1	eastapprover1	提出済
Chicago	シカゴ			作業中
Eastelm	東地帳簿部エリア			作業中
West	West			作業中
San_Francisco	サンフランシスコ			作業中
Seattle	シアトル	seattleuser1	seattleuser1	作業中
Denver	デンバー			作業中
Los_Angeles	ロサンゼルス			作業中
Westelm	西地帳簿部エリア			作業中
South	South			作業中
Dallas	ダラス			作業中
Houston	ヒューストン			作業中
Phoenix	フィニクス			作業中
Southelm	南地帳簿部エリア			作業中
Headquarters	マツダ経理部エリア			作業中

Summary Report

CMS has a well-defined review process control mechanism. Administrators centrally control the reporting event by opening and closing all entities. Input users will submit their data for approval. The data once submitted cannot be changed by the data owners or by the reviewers. Reviewers can only view and approve or reject the data. The reviewers can further submit the data to the higher level for approval. The entire review process can be seen online by all the reporting entities. Both summary and detailed level status of the entities can be verified.

*The review process mechanism controls the entire reporting event. Administrators and reviewers can instantaneously view the data of the reporting entities with their status. The reporting entities can send any attachments to the reviewers along with the mail. The due-date mechanism in workflow will display an alarm signal when a reporting event is reaching its deadline.*

## Curveline Management Solutions (CMS) – Features 2

### Data Entry

Administrators can easily build the input packages as the interface is excel-like. The input forms can be organized as sheets and the sheets can include both text and numbers. Security access can be assigned to individual sheets. Also excel formula can be assigned to cells in sheets. Comments can be entered at cell level and breakdown of numbers can be input at cell level. As CMS uses excel-like input for managing forms, special skills are not required to manage the input forms.

				Jan	Feb	Mar	Qtr1	
9	Sales	売上げ	Stereo	ステレオ	5678	630	126	6428
10			Compact Disc	CD	851	673	710	2234
11			Audio	オーディオ	6529	1303	830	8662
12			Television	テレビ	204	251	292	747
13			VCR	ビデオ	124	319	241	684
14			Camera	カメラ	849	673	27	1549
15			Visual	ビジュアル	1177	1243	560	2980
16	Cost of Goods Sold	売上原価	Stereo	ステレオ	(7)	(18)	(12)	(37)
17			Compact Disc	CD	(36)	(81)	(19)	(136)
18			Audio	オーディオ	(43)	(99)	(31)	(173)

CMS Input Package

		グループ通貨			
		売上げ	マーケティング	差額	
New_York2	IC_New_York2	ニューヨーク	0	0	0
IC_Boston2	ボストン	99	739	(640)	
IC_Chicago2	芝加哥	0	0	0	
IC_San_Francisco2	サンフランシスコ	0	0	0	
IC_Seattle2	シアトル	297	800	(503)	
IC_Denver2	デンヴァー	0	0	0	
IC_Los_Angeles2	ロサンゼルス	0	0	0	
IC_Dallas2	ダラス	0	0	0	
IC_Houston2	ハウストン	238	860	(621)	
IC_Phoenix2	フィニックス	0	0	0	
IC_Memphis2	メンフィス	7	0	7	
IC_Baltimore2	ボルチモア	854	945	(91)	
Total		合計	1496	3344	(1848)

Intercompany Matching Report

### Real-time Intercompany Matching and Reconciliation

Intercompany data can be matched on a real-time basis. Matching can be done with transaction and group currency. The review process control mechanism will catch the status of the Intercompany input data. Matching reports can be created at both input level to compare the data with the respective partners and a detailed matching report can be created for the administrators. As the matching is done in real-time the headquarters will save lot of time and can achieve faster closing and spend more time on analysis.

#### Key points of Intercompany Matching:

1. Transaction currency matching – Real time
2. Group Currency Matching – Real time
3. Review process mechanism – status of intercompany data
4. Detailed and departmental level intercompany reports

#### Key points of Data Entry:

1. Excel Like interface
2. Cell level comments
3. Cell level detail data input
4. Centrally controlled review-process mechanism
5. Sheet level security access
6. Multiple validations
7. IT skills not required to build the package

# Curveline Management Solutions (CMS) – Features 3

## Multi-Dimensional Analysis

CMS employs the powerful OLAP technique to analyze the data. Data can be sliced and diced across rows and columns. Analysis can be done using excel and also with the powerful pivot analysis which comes as a part of the CMS package. Data can be further drilled down to transaction level. Various types of data can be analyzed – input data, translated data, eliminated data, consolidated data. Variance analysis can be done across different category, versions, years and rollups. Multiple segment analysis and ratio analysis also forms a part of the powerful CMS analytic engine.

	A	B	C	D	E	F	G	H
1				Actual				
2				jpj				
3				sales	cost_of_goc	margin	sales	cost_of_goc
4				Version1				
5				stereo			compact_disc	
6				cl_consolidation				
7	FY2012	new_york	qtr1	1314	-40	1354	2231	-139
8		boston		2119	-103	2222	1641	-132
9		chicago		1320	-60	1380	2262	-123
10		eastelimi		0	0	0	0	0
11		east		2113	-83	2196	1610	-148
12		west		284655	-23896	308551	303023	-33222
13		south		148883	-5566	154449	135252	-16064
14		marketelimi		0	0	0	0	0
15		market		435651	-28545	465196	439665	-49434

Analysis using excel

CMS Pivot Analysis

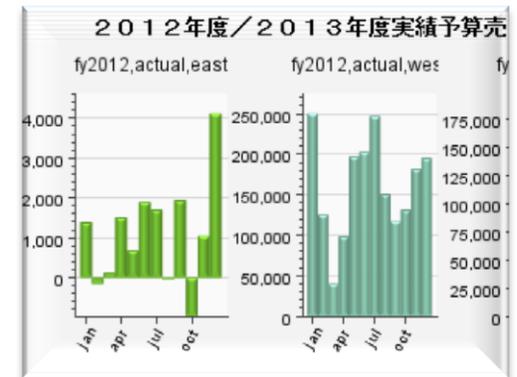
	cost_of...	margin	marketing	miscell...	payroll
version1	version1	version1	version1	version1	version1
compac...	compac...	compac...	compac...	compac...	compac...
none	none	none	none	none	none
none	none	none	none	none	none
none	none	none	none	none	none
Ro...	none	none	none	none	none
boston	-66	869	-4	-97	-92
chicago	-27	838	-75	-95	-100
dallas	-20	680	-83	-100	-71
denver	-7,371	42,849	-6,561	-5,022	-6,480
east	-121	785	65	-102	2
houston	-10	291	-25	-80	-30
los_angeles	-2,187	29,079	-7,047	-4,617	-7,695
market	-16,078	159,125	-17,645	-13,885	-21,133
new_york	-82	754	-6	-100	-6
phoenix	-6,319	84,564	-3,970	-3,889	-6,805
san_francisco	-50	877	-24	-75	-54

## Dashboard Analysis

CMS dashboards are easily customizable and highly interactive. Data can be drilled down to transactional level. Similar to analysis engine, different type of data – input data, local adjustment data, translation data, groupd adjustment data, consolidated data can be analyzed, apart from variance and key ratio analysis. CMS provided different types of dashboards. Dashboards will display data according to the user security rights. Administrators can easily create the dashboards by the simple drag and drop features.

### Key points of Analysis

1. Variance Analysis
2. Ratio Analysis
3. Different type of data analysis
4. Segment based analysis
5. Excel based analysis
6. Data slicing and dicing
7. Multiple types of dashboards
8. Easily customizable



Dashboard – Rainfall

## Curveline Management Solutions (CMS) – Features 4

### Translation

CMS has a powerful built-in translation logic which we can meet most of the client requirements. Rates can be directly assigned to account and custom dimensions. Also customizable logic can be written to accommodate special requirements. CMS translation engine also takes care of cross currency translation and translation adjustments. Rollup data can be converted to multiple currencies.

### Elimination

CMS eliminates inter-company data as per the rules defined in the logic file. Intercompany difference will be automatically plugged into an offset account.

### Consolidation

Consolidation engine will rollup data finally to all the parent entities. Consolidation process can be scheduled, stopped, cancelled and re-run at any point of time. Consolidation can also be run across multiple organizations.

Code	Jan	Feb	Mar	Qtr1	Apr
Market	NO DATA				
East	NO DATA				
New_York	DATA	DATA	DATA	NO DATA	DATA
Boston	DATA	DATA	DATA	NO DATA	DATA
Chicago	DATA	DATA	DATA	NO DATA	DATA
Eastlim	NO DATA				
West	NO DATA				
San_Francisco	DATA	DATA	DATA	NO DATA	DATA
Seattle	DATA	DATA	DATA	NO DATA	DATA
Denver	DATA	DATA	DATA	NO DATA	DATA
Los_Angeles	DATA	DATA	DATA	NO DATA	DATA
Westlim	NO DATA				

CMS - Consolidation

### Reports

Similar to the data input packages, CMS reports are easy to create and can be assigned user specific access rights. Users can also create their own reports.

				Jan	Feb	Mar	Qtr 1	Apr	May	Jun
Sales	売上仕	Stereo	ステレオ	5670	630	120	6420	496	20	609
		Compact Disc	CD	851	673	710	2234	560	823	750
		Audio	オーディオ	6529	1303	830	8662	1056	843	1367
		Television	テレビ	204	251	292	747	557	678	880
		VCR	ビデオ	124	319	241	684	38	170	215
		Camera	カメラ	849	673	27	1549	84	272	222
		Visual	ビジュアル	1177	1243	560	2980	1439	1120	1297
Cost of Goods Sold	売上原価	Stereo	ステレオ	(7)	(18)	(12)	(37)	(9)	(65)	(6)
		Compact Disc	CD	(80)	(81)	(19)	(180)	(39)	(20)	(86)
		Audio	オーディオ	(47)	(99)	(31)	(177)	(48)	(93)	(92)
		Television	テレビ	(66)	(35)	(32)	(133)	(26)	(65)	(51)
		VCR	ビデオ	(4)	(37)	(74)	(115)	(31)	(85)	(51)
		Camera	カメラ	(80)	(1)	(86)	(167)	(19)	(80)	(9)
		Visual	ビジュアル	(189)	(73)	(252)	(493)	(76)	(230)	(114)

CMS - Report

サブカテゴリ	摘要	タイプ	ステータス	進行状況	開始
Version1	-	DATA LOAD	Failed		25.04.2012 16:11:51
Version1	-	DATA LOAD	Done		25.04.2012 15:44:54
version1	-	CONSOL	Done		25.04.2012 18:15:31
version1	-	CONSOL	Done		25.04.2012 18:24:19
version1	-	CONSOL	Stopped		25.04.2012 20:19:21
version1	-	CONSOL	Done		25.04.2012 20:19:36
version1	-	CONSOL	Done		25.04.2012 20:28:11
version1	-	CONSOL	Done		25.04.2012 20:31:50
version1	-	CONSOL	Done		25.04.2012 20:47:13
version1	-	CONSOL	Done		25.04.2012 21:03:08
version1	-	CONSOL	Done		25.04.2012 21:08:26

CMS – Consolidation Status

### Key points of Consolidation Engine

1. Cross Currency Translation
2. Multi-Currency Translation
3. In-built translation logic
4. Automatic Inter-company elimination
5. Customizable logic
6. Multiple rollup consolidation
7. Consolidation Scheduling
8. Stop, cancel and re-run of consolidation process
9. Parallel running of consolidation and dashboard/analysis queries

## Curveline Management Solutions (CMS) – Features 5

### Import/Export Metadata

CMS dimensions can be exported to and imported in text formats.

### Import/Export Data

CMS data can be exported to and imported in text formats.

### Announcement

CMS Administrators can use the announcement screen to communicate with the end users about the reporting event schedule, dates and changes in input package contents.

### Architecture

CMS architecture is highly scalable and can be deployed across different databases. By adopting the CMS environmental setup, users can be scaled from 10 to 1000s of users.

#### *Advantages of using CMS:*

- 1. All built-in one platform*
- 2. Less implementation cycle*
- 3. Less maintenance costs*
- 4. In-built translation/elimination and consolidation engines*
- 5. Powerful and easy-to-build workflows*
- 6. Easy creation of data input packages and reports*
- 7. Centrally controlled review process*
- 8. Business/Groups/Users based workflow*
- 9. Automatic user registration and mail services*
- 10. Easy to build interactive dashboards*
- 11. Variance and Ratio analysis*
- 12. No reliance on 3<sup>rd</sup> party OLAP engines.*
- 13. Powerful OLAP modeling*
- 14. Drill down to transactional level.*