

The Connected Business

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Sales moves from art to science

Customer relationship management software led the way in the 1990s. Digital media are transforming techniques again. Paul Taylor reports

For years, sales and marketing was a pretty haphazard affair in most companies, more art than science.

Sales directors kept contacts in a Rolodex file or on their computer and sales staff worked the phones or hit the road with samples in a suitcase.

Marketing usually meant commissioning an advertisement in newspapers, magazines or broadcast media and perhaps organising a direct mailing campaign.

IT began to change corporate sales and chief marketing officer (CMO) roles in the 1990s with the introduction of more sophisticated contact management and customer relationship management (CRM) systems and sales-force automation tools.

CRM software, in particular, has become a key IT tool to improve efficiency and customer focus.

Harris Products, the metal working products company, chose the CRM suite of SAP, the German software company, to improve control over sales processes and give a more accurate view of prospects.

Lincoln Electric, Harris's



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parent company, was able to build a common customer database, establish a standard sales methodology to provide greater accountability, eliminate duplication in reporting and provide better information about sales opportunities.

"We needed one complete version of the truth about our customers, as we couldn't manage what we couldn't measure," says Greg Langston, vice-president of sales at Harris.

"[It] changed the way our sales reps sell and we are collec-

tively now more in control of revenue and forecasts. It is also helping us to focus on our customers, and invest in the aspects of the business that directly impact our success.

"It's all about results and accountability driven by supe-

rior information and process." Harris reps, who sell a lot of welding equipment, can now see full details of contacts and previous dealings with customers in one place, instead of having to look in various files and databases.

Companies, particularly those in customer-facing industries such as retail and entertainment, and their CMOs are also having to adapt to fundamental changes in media consumption, the rising power of the consumer and the growth of social networking.

Donovan Neale-May, executive director of the California-based CMO Council, says globalisation of markets and digital channels mean that senior corporate marketers are having to develop new skills and redirect marketing spending.

New software tools are helping. "Sales and marketing campaigns haven't historically always been that easy to monitor or measure," says Bill Ogle, Motorola Mobility's CMO, who is in charge of building the smartphone maker's brand.

"However, new tools – most noticeably salesforce automation and CRM – as well as search marketing measurement, together with the emergence of social network channels, have had a huge positive impact in terms of campaign return on investment," he says.

Like other companies, Motorola can now much more accurately measure the effectiveness of its marketing.

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Sizing up the competition

Jane Bird profiles Heels.com which is using software to try to challenge big US shoe retailers

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Perspectives

The 'cycles of dominance' in the IT industry are shortening, writes Alan Cane

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The worst thing is to ignore your customers

Social media

Jane Bird says it is best to respond to both positive and negative comments

Comment on a product or service using Twitter or Facebook and within minutes your words could have been read by thousands.

This benefits business when the comment is favourable, but customer complaints can rapidly acquire huge momentum.

Many companies are using social networks, blogs and other online forums both to keep in touch with customers and as a vehicle for sales and marketing.

The challenge is to handle the vast volume of messages that can result.

When you start to participate in social networks, you open the floodgates to what your customers want to say, says Graham Murphy, senior community developer at Grooveshark, an online music service. "It can be a blessing or a curse."

Grooveshark has benefited from networks, which have helped build registered users to almost 8m with negligible advertising.

It is certainly a disadvantage that people can so loudly voice a negative opinion, says Mr Murphy.

"But there's the opportunity to flip it in our favour. If we solve a billing issue in 20 minutes, they'll post something great about us. Suddenly we look better than we did before."

When Grooveshark has server problems, it is alerted in minutes by its followers – 200,000 on Facebook and 50,000 on Twitter.

"Their voice gives valuable insight into our website."

The company uses software from California-based Assistly to aggregate all messages it receives into one inbox, where they can be prioritised and acted on swiftly, generating a "virtuous circle" of positive comments.

Alex Bard, Assistly's chief executive, says the aim is to help companies turn customer service into sales and marketing. "If customers are going to gang up on you, they'll do it anyway," he says.

"Customers are a core asset that you can learn from, creating a better relationship. The worst thing you can do is ignore them, and the best is to respond."

Mr Bard encourages companies using Assistly software to let a broad range of employees participate in customer dialogues, rather than just the service team. "This gives engineers or product developers insights that help them make better decisions."

The real prize is to get customers to recommend you to their friends, says Gail Goodman, chief executive of Massachusetts-based Constant Contact.

It provides polling, monitoring and tracking tools that help companies set up surveys on social networks and understand which postings generate most discussions and traffic.

Dingo, a pet food distributor, used the software to extend its fan base from 350 to a target 5,000 in three days last August, by asking fans to get their friends to sign up. It offered a \$20 coupon for everyone if the target could be reached. A further promotion brought fan numbers to 25,000 by the end of February.

"Forty per cent of US households have dogs, so we knew we had a big opportunity, and dog-owners often know other

dog-owners," says Mike Halloran, online marketing manager. "We wanted existing fans to tell their friends about us."

Brands are working out rules about how far they can go, because people do not want to be advertised to, says Ms Goodman. "Your page will be dormant and deserted very fast if you do this. You need to be engaging, fun and provocative – create a destination for conversation, not a push-marketing venue."

This is no small challenge, because consumers are busy and there is huge competition for their time online, she says.

Grooveshark's Mr Murphy sees social media as a way to "personify" the company.

Its Facebook and Twitter postings tend to focus on third-party products, service updates, or blog posts, for example, about the company's presence at a festival. "We did a post on our campaign to help victims of the BP oil spill in the Gulf, and one to promote an artist we are interested in," he says.

His company won't take payment for a posting. "We want to be objective and informative rather than self-promoting, so that people have a positive feeling about us and tell their friends," he says.

One problem with using social networks for sales and marketing messages is that they accumulate quickly and are often ignored. More than three items posted a day could be seen as a "spam blast", says Mr Murphy, and will drive followers away.

Mr Halloran favours e-mail for sales and marketing promotions, but says Twitter is ideal when you want things to be instant.

"The nice thing about Twitter is that messages tend to be looked at a bit more quickly and regularly and in-boxes are less cluttered."

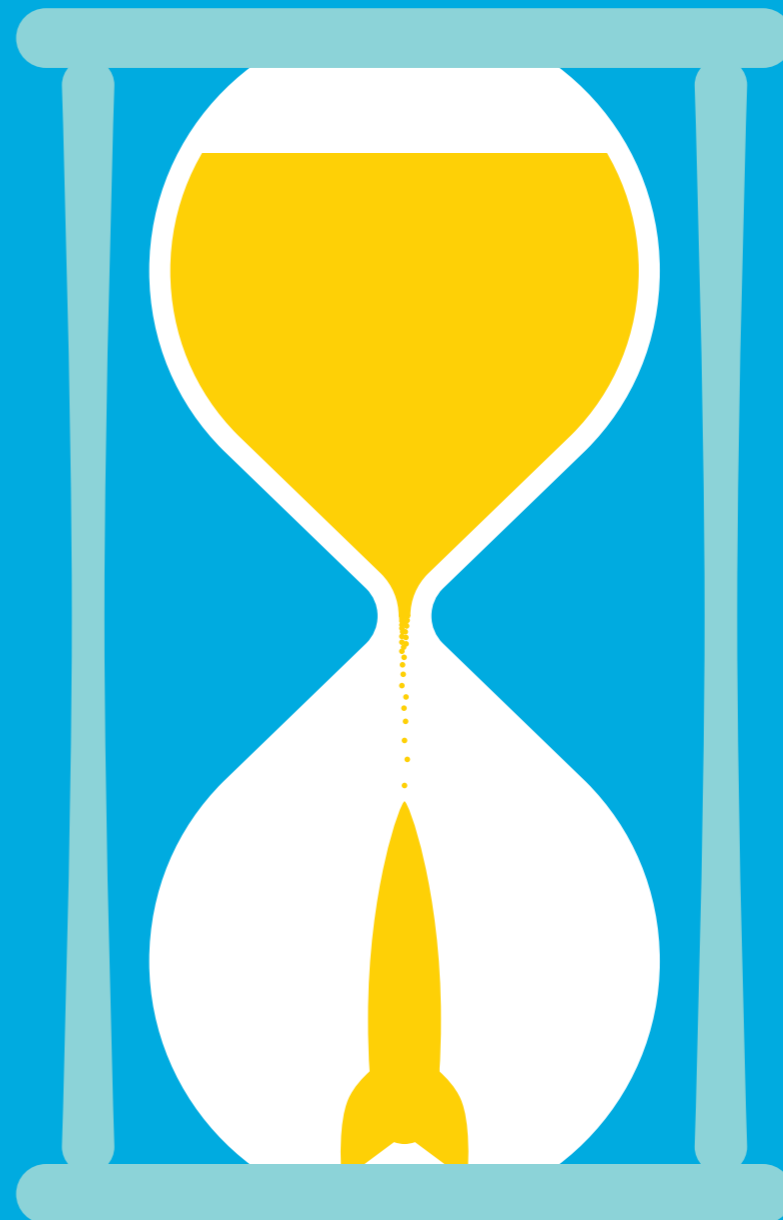
Dingo plans to use Twitter for customer service, so people can send questions and receive rapid replies.

"A dog might have just stained a carpet and the customer wants to know how to remove the mark," says Mr Halloran.

"If we post a solution to this on Twitter it will be seen by many people and picked up in search engines such as Google and Bing long afterwards."

"We are looking at anything where posting answers creates 'breadcrumb trails' that link back to us."

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The power to do more

Better, cheaper but a bit of a mystery

Focus on the cloud

Paul Taylor kicks off a continuing series that will aim to blow away tech fog and clarify business benefits

For many corporate executives, cloud computing is an impenetrable mystery. From this month, The Connected Business in print and online (www.ft.com/connected-business) is launching "Focus on the cloud" to try to demystify the subject.

What is "the cloud", what are its advantages and drawbacks, and how are some companies using it to overcome real-world problems?

In its simplest form, cloud computing enables IT to be used as a utility, a bit like electricity, with customers buying in computing services but paying only for the resources and software they use (*see the article below for*

more information on how the cloud works).

What are some of the benefits of cloud computing?

Cost savings and flexibility are often cited by business users as the main reasons for moving to the cloud.

Last year, the UK Royal Mail group signed a six-year cloud computing contract with Capgemini Consulting.

"Once the migration is complete, we will be paying for the IT we need as and when we need it, so that for the first time we can bring our IT costs firmly in line with revenues," said Stuart Curley, Royal Mail's chief technology architect at the time.

Patrick James, head of marketing, sales and service at Capgemini says cloud computing "provides quicker support for critical customer projects and enables a faster go-to-market process."

He adds: "It brings the business and IT closer together, ensuring that the solutions applied are the right ones for the business, as purchases are based on demand. As such, IT

becomes a function required only for integration rather than selection, design and build."

Brian Jones, chief information officer of Smiths Group, the engineering company says: "The cloud is starting to allow us to free employees from being tied to individual devices to access vital information."

Other companies, including Delta Air Lines, have used cloud computing to overcome IT integration problems following mergers. When Delta and Northwest Airlines announced a merger in 2008, they faced a problem because they were using incompatible systems to handle their air cargo.

"We needed to integrate air cargo without affecting our customers," explains Neel Shah, senior vice-president and chief cargo officer at Delta.

Working with Unisys, he was able to move to a more efficient and easier to use web-based integrated cargo management system in just eight months. In addition, he says, "the cloud-based system provides significant flexibility in incorporating



Delta Air Lines used cloud computing to overcome IT integration problems for air cargo when it merged with Northwest Airlines

new functionality and accommodating local requirements."

So is the cloud just about cost saving?

No. Most cloud providers and IT consultants emphasise that the benefits of cloud computing are not limited to cost savings.

As Peter Coffee, head of platform research at Salesforce.com, said at a recent conference: "If we talk about cost reduction, the most I can do for you is cut your IT spending by 100 per cent. Then we're done. If we talk about value creation, I can keep on delivering value with no upper bound. That's a much more interesting conversation." Tom DeGarmo, a principal in

PwC's advisory practice and leader of the firm's US technology consulting solutions group, goes a step further. "The key strategic driver for cloud cannot be cost alone. Like all IT initiatives, the success of cloud depends not only on getting the technical aspects right, though that is important, it lies in securing engagement from the business."

"[The cloud] requires business leaders to reconsider what they need to deliver improvements for their customers."

"That means going beyond generalities such as greater flexibility or lower cost services. "The business needs to focus

on more specific requirements, such as how to provide self-service customer access to processes buried in complex legacy applications, or how to improve the management of customer relationships through more joined-up access to data that are spread across existing systems."

What about the risks?

The most common business worries relate to performance and regulatory issues, security and control of customer data.

Most cloud advocates claim these worries can be addressed with good planning.

Finally, what are the broader implications of the "race to the cloud"?

Some vendors and most consultants argue that the real benefits have little to do with technology and come instead from the potential to make businesses change entire processes, such as invoicing.

"Rather than approaching cloud computing from a technology perspective, it should be approached from a business change standpoint," says BMC Software.

IBM notes: "The impact of the cloud will be felt well beyond IT... It will help transform the way services are delivered in industries as diverse as health-care and banking, mobile communications and government."

'It is a service, not a technology'

Chief executives and finance directors are understandably cautious when the IT industry waxes enthusiastic about the next "breakthrough", writes **Charles Batchelor**.

What are they to make of cloud computing, the latest big technology idea to come to mainstream business attention?

Simply put, cloud computing is the use of off-site servers, routers and databases that are not "owned" by the business, to handle all, or large parts, of a company's computing needs.

Instead of managing requirements in-house, with all the costs and hassle involved, a company will outsource operations such as e-mails, enterprise resource planning and data storage.

Factories used to generate their own power on-site, but now routinely buy in electricity and gas.

Cloud enthusiasts believe that, in future, companies will buy computer capacity in the same way.

Executives may be unfamiliar with the cloud but many will have been using it for years without realising it.

E-mail providers such as Google, social networking sites including Facebook, and Flickr, an online photo and video-sharing service, are all run from global data centres, many of which are owned by companies such as Amazon and Microsoft.

The e-mails or photographs that appear to be stored on your desk- or laptop are actually held remotely.

The term "cloud" comes from the technical diagrams used to represent telecommunications and computer systems, which traditionally enclosed networks within cloud shapes.

Cloud computing represents a development of previous arrangements such as "managed services", where a company handed the operation of its IT network to an outside supplier.

It also piggybacks on "virtualisation" technology, which allows users to get more out of their network by squeezing several applications on to a single server.

"Research has shown that [in-house] data centres do not use more than 20 per cent of their capacity," says Michael Kogeler, director of cloud strategy at Microsoft International.

It was the idea of putting all that unused capacity to work and the growth of the internet that led to the birth of cloud computing.

"The cloud is a service, not a technology," explains Rupert Chapman, a cloud specialist at PA Consulting. "You only pay for what you use" and access the computer power over the internet.

Cloud computing is sometimes seen as of particular benefit to small and medium-sized

businesses that lack the resources to set up their own IT departments but it is also used by large companies.

It allows businesses of all sizes to acquire computer capacity to launch products and services quickly.

There is little or no capital expenditure involved and costs are based on transactions completed or volume of data stored and should be lower than if managed in-house.

Because the capacity of the cloud is, in theory, unlimited, companies can store far more data and handle far more transactions than might be possible on their in-house system.

They can also back up data on a remote site for security. Because data are not kept in house, they can be accessed from anywhere with an internet connection, so are available to executives on the move.

Going to the cloud for capacity also means the IT department is not constantly updating servers and software to keep up with technology.

A large cloud provider can also devote more resources to maintaining the security of the network.

"From customers' perspective there are three ways to use the cloud," says Mr Chapman.

"They can use it to dip their toe in the water to test an application. If it meets their needs, they can bring it in-house and run it on their own machines. The test environment has traditionally been expensive but one client achieved an 80 per cent cost saving."

"Alternatively, customers can use the cloud on a selective basis for particular services. A market information organisation used a customer relationship management system to suck in just the customer information they needed."

Finally, companies can take a "transformational" approach, opting to use the cloud for most of their applications, retaining direct control only of those that make a real difference to their organisation. Relatively few companies do this as yet, says Mr Chapman, because they often have a big investment in their legacy systems or are tied into managed service contracts.

Problems companies should watch out for include legal ownership of data, security and the risk of getting locked in to a service provider.

An appropriate contract should resolve ownership issues. Security should be better at a dedicated cloud provider, but hackers have attacked networks and sensitive data should be encrypted in transit and storage. The contract should also allow a customer to change providers easily.

Rupert Chapman: 'You only pay for what you use'

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