Competitive Intelligence

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Competitive intelligence (CI) principally involves the private sector. It goes by a variety of names. Its definition remains somewhat fluid. For example, CI is:

- The use of lawful and ethical procedures to collect data and then analyze it to assist an enterprise, profit, non-profit, or governmental to compete better.
- A way to help an enterprise obtain and then maintain a competitive advantage.
- Actionable intelligence, on the entire competitive environment, which includes an enterprise’s competitors, suppliers, customers, and potential competitors, as well as its regulatory and political environment.

Other terms describe elements of competitive intelligence. Competitive intelligence is not espionage or spying; both are unlawful. Business intelligence is an older term for competitive intelligence. It has fallen out of use as a synonym for CI, since it has also been adopted by those involved with knowledge management and data mining, which are internally-focused, not externally-focused, processes.

5. Porter is Bishop William Lawrence University Professor at the Harvard Business School.
8. Galvin had served on the US President’s Foreign Intelligence Advisory Board.
11. For more on this, see Larry Kahane, Competitive Intelligence, Simon & Schuster, New York, 1996, pp. 15-19.
Where is CI today?

Emerging today are two types of CI, varying by the perspective of the end-user. Over the past 30 years, most CI has been provided by individual CI analysts to another person or another unit within a business, or to their end-user (customer). Within the last 10 years, an alternative has developed whereby the individual manager develops CI for his or her own use and there is no one dedicated full-time to the CI process. For these people, CI is an additional management tool just as are directing personnel, undertaking strategic planning, coping with Six Sigma, doing budgeting, etc.

There are multiple forms of competitive intelligence, depending on focus:

- Competitor intelligence – focused only on competitors.
- Strategic intelligence – supporting the development and execution of corporate strategy and strategic planning.
- Marketing intelligence – supporting sales and marketing.

• Environmental scanning – studying and interpreting political, economic, social and technological events/trends that influence a business, an industry or the market.
• Technology intelligence or competitive technical intelligence – activities that allow a firm to respond to competitive challenges or identify and exploit opportunities resulting from technical and scientific change.
• Competitive benchmarking – techniques to benchmark a competitor, without its involvement.

Is there a CI Cycle?

CI traditionally is viewed as following a cycle, not unlike the intelligence cycle found in the literature of government intelligence operations. This reflects the significant influence of former government intelligence analysts who have joined companies as CI analysts.

Is CI useful?

Actually the question should be “Where would it not be useful?”

The most common uses for CI are in the development and execution of corporate strategy, in support of sales and marketing operations, in product development, and risk management. It is also used in many other places ranging from human resources to customer profiling and from reverse engineering to patent mapping.\(^{15}\) But in all cases, the goal is to understand where a competitor, or supplier or customer, is, what they are doing, and what they are capable of doing. Then sound analysis can often predict what they are likely to do. But CI is not strictly predictive, it is also an analytical discipline.

Establishing the monetary value of CI is not an easy proposition,\(^{16}\) in part because most businesses do not employ any objective measurement methods,\(^{17}\) or are very reluctant to release them when they do. However, there is some evidence that clearly show its utility and value:

- In a rare disclosure, in 1994, NutraSweet’s CEO publicly valued CI to NutraSweet at $50 million ($80 million today). That figure, he said, was based on a combination of revenues gained and revenues which were “not lost” to competitive activity.\(^{18}\)
- A mid-1990s study of the packaged food, telecommunications and pharmaceutical industries, reported that organizations that engaged in high levels of CI activity show 37% higher levels of product quality, which is, in turn associated with a 68% increase in business performance.\(^{19}\) It also reported that organizations that engaged in high levels of CI activity show 36% higher levels of quality in strategic planning. And, high confidence levels in strategic plans are, in turn, associated with a 48% increase in business performance.\(^{19}\)
- Several years after that, it was reported that CI’s participation in the value extraction process of intellectual asset management alone has financial impacts ranging from millions of dollars (patent maintenance & filings), to hundreds of millions of dollars (licensing), to billions of dollars (M&A).\(^{20}\)
- In most cases, however, the situation is as noted by IBM:

> IBM is not sure that [calculating a return on investment for the intelligence function] is possible within its organization, nor would the calculated value be accepted by the organization. The calculated value would likely be much greater than others expect given the high-level strategic decisions linked to competitive intelligence.\(^{21}\)

Management Issues

Because of its nature there are management issues associated with CI. One is its relationship to market research.\(^{22}\) One way to look at this relationship is to understand the fundamentals that drive market research versus CI. It is only a slight overstatement to say that market research is primarily quantitative, forward-looking, and often of a relatively short time horizon. CI, on the other hand, is largely qualitative (in most cases), involves retrospective as well as prospective views, and, particularly in the case of supporting strategy, can span periods of years in the future. In cases where CI is part of a business early warning system, CI may be looking forward 5, 10 even 20 years. Developing, using and supporting such activities requires corporate management dedication and patience. But the payback can be significant.\(^{23}\)

For example, Professor Ben Gilad has described the case of the then-aerospace division of Daimler-Benz which operated in an industry “where product cycles last twenty-five years.”\(^{24}\) During its operations,

\(^{15}\) “Patent mapping is essentially the visualization of the results of statistical analyses and text mining processes applied to patent documents. Patent mapping allows the creation of a visual representation of information from and about patent documents in a way that is easy to understand. Using bibliographic data one can identify which technical fields particular applicants are active in, and how their filing patterns and IP portfolios change over time. It is also possible to find out which countries lead in which fields.” [http://www.epo.org/searching/essentials/business/stats/faq.html](http://www.epo.org/searching/essentials/business/stats/faq.html)


\(^{19}\) Bernard Jaworski and Liang Chee Wee, *Competitive Intelligence*;


\(^{22}\) For more on this, see Alf H. Walle, III, *Qualitative Research in Intelligence and Marketing*, Quorum Books, Westport, CT, 2001, pp. 1-45.


\(^{24}\) Gilad, op.cit., p. 183.
before the division was sold, it provided an early warning on the 1998 economic crisis in Asia as well as the later takeover of one large key competitor, McDonnell Douglas, by another large competitor, Boeing. As the then-head of the process later dryly reported, because of the early warning process, the division was “not surprised...and was equipped to respond quickly” to these radical changes.

**Ethical and Legal Issues**

With respect to ethical and legal issues, the late Professor Stevan Dedijer, a CI pioneer, once opined:

> Intelligence today is about using the collective knowledge of the organization to reach an advantageous position in industry. Spying is dying – only idiots resort to these kinds of shady activities. Only companies with an inadequate intelligence capability and with inferior knowledge-acquisition strategies seek to obtain information by illegal or unethical means.

A major perceptual issue is that to some CI is associated with spying. Spying (or, more correctly espionage) is a crime in every state and most nations. If properly conducted CI does not engage in any criminal activity.

Given that, what are the usual ethical limits on CI collection activities? There are two types: formal and unwritten (or informal).

Most well-run corporate CI programs have a written ethics policy. Many companies just adopt the “SCIP Code of Ethics for CI Professionals”:

- To continually strive to increase the recognition and respect of the profession.
- To comply with all applicable laws, domestic and international.
- To accurately disclose all relevant information, including one’s identity and organization, prior to all interviews.
- To avoid conflicts of interest in fulfilling one’s duties.
- To provide honest and realistic recommendations and conclusions in the execution of one’s duties.

- To promote this code of ethics within one’s company, with third-party contractors and within the entire profession.
- To faithfully adhere to and abide by one’s company policies, objectives and guidelines.

The SCIP Code is aimed at its own members, containing elements that should be limited to the Society’s members. While it is a good place to start, a better way to proceed is to develop a formal policy statement, reflecting a firm’s unique situation and competitive environment. It should be drafted in cooperation with the legal department, be simple and direct, and provide guidance (not merely tell employees to contact someone if they have a question).

The unwritten rules can be the most important. What underlies most of them is fear of embarrassment. CI analysts must not do something that could cause concern for their employer or bring unwanted attention to it. One rule of thumb is “Never do anything that one would not want to see reported the next day in the local newspaper.” Whether or not there is a written policy, the cold facts are that taking some action that hurts an employer’s reputation can put one’s job at immediate risk.

The potential consequences of unethical behavior can be illustrated by the following actual case:

Several years ago one of the largest consumer goods firms in the US (Procter & Gamble), which had a well-regarded CI unit, authorized a research project against a global competitor, Unilever. The details are not precisely clear, but it appears that the first CI firm with which Procter & Gamble contracted then brought in a second group of firms as subcontractors, and some of these subcontractors may, in turn, sub-subcontracted some work to yet other groups. That meant that some individuals working on the assignment were three levels away from Procter & Gamble and its direct supervision. The results were predictably catastrophic: one subcontractor was accused by Unilever of attempting to obtain its trash to go through later. There was no indication that the CI firm had actually acted illegally.

Events then moved rather quickly. Procter & Gamble’s CEO flew across the Atlantic to meet with Unilever’s CEO, at his “request.”

26. As quoted in Gilad, op. cit., p. 189
28. It must be noted, however, that not all nations and cultures abide by the legal constraints and ethical standards generally governing CI activities in the United States.
30. For examples of good and bad policies, as well as guidance on drafting a policy, see McGonagle and Vella, The Manager’s Guide to Competitive Intelligence, op. cit., 72-86.
Procter & Gamble paid a rather substantial price for its management failures: first was a substantial cash settlement, believed to be at least US $10 million; second, Procter & Gamble agreed that it would not enter a certain market niche for a period of years, the very niche that was the focus of the CI assignment; third, at Procter & Gamble headquarters, several CI personnel were terminated and a senior CI manager “retired” quickly thereafter; and fourth, Procter & Gamble purged its approved contractor list, removing every firm that was involved in this case, even a CI firm which claimed that it blew the whistle on the misdeeds of others.

Most legal limits on CI address how information is collected. Foremost are the usual legal limits against stealing materials from a competitor. The US Economic Espionage Act of 1996 deals specifically with the theft of trade secrets. While there have been many headlines on alleged theft of US firm’s business information by Chinese nationals, the US courts had seen only a handful of prosecutions under EEA, with most of them apparently involving Chinese nationals or businesses.

More broadly, there are state trade secrets laws that have relevance to CI in that they deal with the protection of corporate trade secrets and the consequences for anyone who improperly obtains and uses a trade secret. However, trade secret laws require that the person or company who claims something is a trade secret has a legal obligation to take significant steps to protect it. To put it another way, just because someone puts a stamp on a document that says “trade secret,” that does not make that document a trade secret, if the individual then hands out several hundred copies of the document at a tradeshow. If legal and ethical CI activities enable a company to recreate independently what a competitor claims is a trade secret, there is not a violation the law.

Conclusion

In its first 30 years, CI has emerged as a powerful force, providing guidance to businesses and non-profits at both the tactical and strategic levels. As it has grown, it has also changed – moving from a tool of specialists to part of the toolbox of generalists. In so doing, it has moved well beyond its governmental intelligence origins.

Readings for Instructors

On competitive intelligence in general:


On analysis:


On using competitive intelligence:


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and Bottom Line Competitive Intelligence. John has presented competitive intelligence workshops, seminars and training sessions on six continents and has served as an expert witness on competitive intelligence and related topics. He has served in adjunct undergraduate and graduate positions with Lehigh University, DeSales University, and Kutztown University. Mr. McGonagle received the prestigious Fellows Award in 1998 from SCIP and its Meritorious Award, SCIP’s highest award, in 2007. He has been a featured presenter at numerous international conferences on competitive intelligence and corporate strategy.

In the intelligence world, to be able to speak four languages is an asset.
To know when to hold your tongue in any one of them — priceless.

“Just be yourself” — good advice for only 5% of people.

Don’t blindly follow heroes.
The crowd that follows with admiration would run with the same eagerness if the hero were marching to the guillotine.

I won’t insult your intelligence by suggesting you really believe what you just said.
— William F. Buckley, Jr.

TRAVEL AWARENESS

Business and Government travelers have reported their hotel rooms and belongings were searched while they were away.*

Foreign Security Services have various means of screening incoming visitors and compromising their electronics.

YOUR PERSONAL INFORMATION: PROTECT IT FROM EXPLOITATION

When traveling, have no expectation of privacy. Always keep electronic devices with you.

*Source: U.S. Department of Justice, FBI

Know the Risk
Raise your Shield