

Magma Design Automation Inc. Due Diligence
Report Including Financial, SWOT, Competitors and
Industry Analysis



Phone: +44 20 8123 2220
Fax: +44 207 900 3970
office@marketpublishers.com
<https://marketpublishers.com>

Magma Design Automation Inc. Due Diligence Report Including Financial, SWOT, Competitors and Industry Analysis

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Magma Design Automation Inc. Due Diligence Report provides a complete overview of the company's affairs. All available data is presented in a comprehensive and easily accessed format. The report includes financial and SWOT information, industry analysis, opinions, estimates, plus annual and quarterly forecasts made by stock market experts. The report also enables direct comparison to be made between Magma Design Automation Inc. and its competitors. This provides our Clients with a clear understanding of Magma Design Automation Inc. position in the **Software and Technology Services Industry**.

- The report contains detailed information about Magma Design Automation Inc. that gives an unrivalled in-depth knowledge about internal business-environment of the company: data about the owners, senior executives, locations, subsidiaries, markets, products, and company history.
- Another part of the report is a SWOT-analysis carried out for Magma Design Automation Inc.. It involves specifying the objective of the company's business and identifies the different factors that are favorable and unfavorable to achieving that objective. SWOT-analysis helps to understand company's strengths, weaknesses, opportunities, and possible threats against it.
- The Magma Design Automation Inc. financial analysis covers the income statement and ratio trend-charts with balance sheets and cash flows presented on an annual and quarterly basis. The report outlines the main financial ratios pertaining to profitability, margin analysis, asset turnover, credit ratios, and company's long-term solvency. This sort of company's information will assist and strengthen your company's decision-making processes.
- In the part that describes Magma Design Automation Inc. competitors and the industry in whole, the information about company's financial ratios is compared to those of its competitors and to the industry. The unique analysis of the market and company's competitors along with detailed information about the internal and external factors affecting the relevant industry will help to manage your business environment. Your company's business and sales activities will be boosted by gaining an insight into your competitors' businesses.
- Also the report provides relevant news, an analysis of PR-activity, and stock price movements. The latter are correlated with pertinent news and press releases, and annual and quarterly forecasts are given by a variety of experts and market research firms. Such information creates your awareness about principal trends of Magma Design Automation Inc. business.

About Magma Design Automation Inc.

Magma Design Automation, Inc. provides electronic design automation (EDA) software products and related services. The company's software enables chip designers to limit the time it takes to design and produce integrated circuits used in the communications, computing, consumer electronics, networking, and semiconductor industries.

The company's primary products comprise a digital integrated solution for the chip development cycle, from initial design through physical implementation. It provides consulting, training and services to help its customers adopt its technology. It also provides post-contract support, or maintenance, for its products.

Products

Talus Design is a key component of the RTL-to-GDSII Talus platform. This product enables logic designers to synthesize, evaluate, and improve the quality of their RTL (register transfer level computer program) code, design constraints, testability requirements, and floorplan. The physical netlist generated by Talus Design provides a handoff between the RTL designer and layout engineer.

Talus Vortex is the company's place and route product within the Talus platform. Talus Vortex flow begins with design netlist, target library, and design constraints. It utilizes implementation automation to produce a physical layout and routing connection of the design to meet timing, area, power, clock, and routing requirements for manufacture.

Talus Power Pro is an optimization option to Talus Design and Talus Vortex for low-power needs. By using Talus Power Pro, dynamic and leakage power can be minimized while meeting design performance, area, and manufacturing requirements.

Tekton is its new standalone static timing analyzer. Tekton provides both standard timing analysis and signoff analysis (crosstalk and on-chip variation). In addition to being architected for execution and capacity, Tekton includes the native capability to run multi-mode / multi-corner timing analysis – a key requirement in analyzing designs at 40 nanometers and below.

QCP is its new standalone SoC (system-on-chip) parasitic extractor. QCP is architected for high capacity within a percent of its gold standard QuickCap product. QCP provides a multi-corner extraction solution that adds a minimal amount of runtime overhead for each additional PVT (process, temperature, and voltage) corner.

Talus qDRC is an integrated physical design verification tool for direct use during implementation.

Hydra is an auto-interactive floorplanning and hierarchical design planning solution featuring a physical optimization capability that enables floorplan handoff. It is a standalone solution that is also integrated into the company's RTL-to-GDSII flow.

Quartz Rail is a manufacturing sign-off analysis tool for 'static' and 'transient' voltage drop within a chip. Using input for design logic, layout, and activity, and including an interface to its FineSim SPICE product for silicon measurement, Quartz Rail provides a voltage-drop analysis for design implementation. Quartz Rail is integrated in the Talus implementation platform to simplify the flow for design analysis to influence design decisions early in the implementation process.

Quartz RC provides sign-off-quality parasitic extraction and can operate as either a standalone tool or integrated with the Blast Fusion system, where it underlies the 'Sign-off in the Loop' flow.

Quartz Time combines the static timer in Blast Fusion with timing capabilities to create a sign-off timing system.

Quartz DRC and Quartz LVS are targeted to provide the turnaround time of any physical verification tools.

SiliconSmart products provide timing, power, and signal integrity models in various formats.

FineSim Pro is a next-generation circuit simulator with full-chip analysis capabilities, including advanced post-layout simulation features.

FineSim SPICE is a native parallel, SPICE simulator that enables the simulation of analog and mixed signal circuits with SPICE accuracy.

FineSim Fast Monte Carlo is a technology that provides a significant improvement over traditional Monte Carlo methods by providing a statistical analysis for analog and mixed signal circuit

The above Company Fundamental Report is a half-ready report and contents are subject to change. It means that we have all necessary data in our database to prepare the report but need 2-3 days to complete it. During this time we are also updating the report with respect to the current moment. So, you can get all the most recent data available for the same price. Please note that preparation of additional types of analyses requires extra time.

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- 1 – Data availability depends on company's security policy.
 - 2 – These sections are available only when you purchase a report with appropriate additional types of analyses.
- The complete financial data is available for publicly traded companies.

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