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The teardown analysis service from IHS iSuppli provides complete, detailed analyses of electronic from small devices such as wireless handsets and netbooks to larger equipment such as servers and base stations. IHS iSuppli delivers a complete assessment of all electronic, electro-mechanical, and mechanical components. This IHS iSuppli service is the ultimate competitive benchmarking tool -- providing the highest quality, most detailed view available of the design from both a cost and structural assessment perspective.

The teardown analysis is presented online to provide users maximum flexibility in reviewing and using the teardown information. This system, unlike a standard document, intuitively allows users to quickly drill down to the information they need, by sub-assembly. Summary level information is also always available at every level of system or sub-assembly. Whether you are interested in top-level numbers, or specific components and costs, it's all there.

Teardown information is both downloadable (in the form of Excel, JPG, and PDF files), and navigable in an interactive online format – point and click on sub-assemblies, photos and interactive cost tables to see details and summaries. License as many users as you wish at no additional cost.

Teardown Analysis



For customer-driven projects, IHS iSuppli conducts a preliminary meeting with the client to assess goals; review standard project scope and deliverables; and establish costs and a timeline for delivery. IHS iSuppli can accommodate a wide variety of specific information requirements, which may be beyond the scope of our 'standard' offering, including such services as analysis of modules, elaborated silicon die analyses, etc. The service fee does not include the cost of the device being analyzed. Customers are responsible for providing the device for analysis.

Key Issues Addressed

- How competitive are our designs from a technical perspective?
- Where does our competition stand in terms of design sophistication?
- Are our costs in line with those of our competitors?
- How much does it cost to add certain product features?
- What new or evolving solutions could we use in future designs that will increase performance and save money?
- How can we better position and differentiate our products?
- What components are contained in our product?

Applicable To

- OEMs
 - Market Research Managers
 - Competitive Intelligence Managers
 - Strategic Product Marketing Managers
 - Strategic Design / Technical Managers
 - Strategic Purchasing Management
- Component Manufacturers
 - Strategic Product Marketing
 - Market Research
- Service Providers
 - Strategic Purchasing

Deliverables

The teardown analysis is presented online to provide users maximum flexibility in reviewing and using the teardown information.

There are two primary means of accessing this information:

- Downloadable Files Including:
 - Detailed Bill of Materials (BOM) Analysis (Excel file) with interactive cost tables and multiple summary analysis tabs
 - High resolution PCB photo packet
 - PDF document of online materials
- Online Interactive Presentation - Quickly drill down to what you need without flipping through lengthy documents. This includes:
 - Photo analysis of disassembly
 - Executive Summary with key facts and figures
 - Online interactive cost tables

Downloads

- Detailed Bill of Materials (BOM) Analysis (Excel file) with interactive cost tables and multiple summary analysis tabs
- High resolution PCB photo packet
- PDF document of online materials in some cases

Executive Summary

- Key facts and figures on the device, cost assessment, major components used, etc.
- Key takeaways – everything you need to know at a high level about the device and teardown

Photo Analysis

- Disassembly views of Device, Display, PCBs, etc.
- Major components annotated
- Color coded Functional areas
- Block diagram
- IC - Die photos and markings
- Annotated digital photos of all sub-assemblies –including printed circuit boards – highlighting functional areas, manufacturers' names, part numbers, etc.
- Copy and paste pictures for customized internal editing and analysis

