

OLED and LCD Supply Demand & Equipment Intelligence Service

A complete view of OLED and LCD supply chains—covering fab activity, capacity, equipment, technology trends, and financial insights to support smarter manufacturing and investment decisions.

Key Questions Answered

- The 5W1H of any display manufacturing fab, including the newly invested – when (timeline), where (locations), why (investment logic), who (group v.s. mother company), what (business targeted) and how (the display manufacturing technology source)?
- When is the switch point of the over-supply and shortage, and vice versa?
- What kinds of the processing flow and the new equipment needed for a certain new display technologies. How much is the equipment? Who are the suppliers? And who are the buyers?
- What is the rolling forecast for the next **10** years for old fab obsolete shortage and the new fab construction?

What We Offer

- Comprehensive analysis of supply and demand across the OLED and LCD ecosystem
- In-depth coverage of fab capacity, utilization and production planning by panel makers
- Tracking of capital investments and spending across major display manufacturers
- Insight into equipment purchasing trends, machine types, suppliers and deployment across fabs
- Standardized financial analysis of global panel makers for easy comparison across regions and companies
- A holistic view of industry health through both technical metrics and business performance indicators



The service is an encyclopedia of all display makers' fab location, investment structure, capacity, technologies, utilization, business as well as financial performance. Meanwhile, the service measures the supply and demand relationship for the sake of the panel price forecast.



Charles Annis
Practice Leader

SPEAK WITH OUR EXPERTS

Delivering supply chain foresight for display market

Key Deliverables



Market Trackers

Extensive excel database with **22** datasets covering fab activity, supply/demand dynamics, capacity, utilization, and capital equipment.



Database

Integrated quarterly financial and fab equipment database, showing which machines panel makers are buying, from whom, and for which factories.



Industry Reports

Ongoing and Ad hoc reports with insights on key industry developments, including mergers, incidents, conferences and breaking news.



Analyst Insights & Access

Direct access to expert insights on market developments, vendor strategies, and emerging opportunities for confident decision-making.

Scope of Work

- Tracks OLED and LCD fab activity, capacity, and utilization—globally and down to the factory level
- Analyzes the balance of supply and demand for both OLED and LCD by application, size, and technology node
- Unpacks shifts in manufacturing strategies—from rigid to flexible, LTPS to oxide, and glass to silicon
- Monitors fab-level production trends, panelization strategies, and sufficiency indexes for glass, polarizers, and DDIC
- Evaluates the health of the display ecosystem by linking equipment investment to production output and demand signals
- Insights on the long-term impact of new tech adoption—like foldables, MicroLED, and OLED-on-Si—on capacity allocation and fab planning

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