



Effective Layout and Visual Control Leads to Significant Printing Production Capability

IET provided industrial engineering analysis and facility design to meet a 100% increase in printing production capacity and warehouse and distribution capability.

The Company

A medium size printing company

The Challenge

The customer has seen significant growth opportunities in a challenging market through a re-assessment of their production and warehousing capabilities and ultimately redefining potential customer expectations.

The customer needed a production control plan to ensure on-time-delivery of short-run and quick turn-around print jobs for a wide range of customer requirements. This included analysis and stream-lining of all production pre-processing, customer interaction processes, printing, secondary processing, packaging and delivery.

The Solutions

IET provided current and objective measurement of the entire business process stream to the team to challenge existing paradigms of the printing production process. The solutions included electronic and web solutions to pre-production management, a production capacity planning and management board, visual control of all in-process production, a "print today and package tomorrow" philosophy of production, and significant personnel education and teamwork. IET engineers completed process mapping, time studies and work sampling, layouts and material flow plans, and led team reviews to ensure streamline process and appropriate team buy-in to changes. The improvements and changes were completed in-house with minimal capital investment and have lead the company to see significant sales growth due to the redefined production and service model.

"Our stream-lined production capabilities have opened new opportunities for sales growth and a new level of service for the printing industry."

Vice President of Sales

iet

3539 Glendale Ave. Toledo, OH 43614
419.385.1233 800.278.1031
www.ieteng.com

How can IET help you?

Any way you need us to.

Productivity

Current production standards

Current production performance

Detailed reasons for variances

Detailed plan for improvement

Goal-setting, accountability

Capacity planning

Key capital resources

Direct and indirect labor

Salaried personnel

Facilities

Support

New manufacturing

Detailed process map

Layout

Facilities

Labor

Support

Indirect labor design

Standards

Material handling

Supervision

Maintenance

Plan for improvement

Total value analysis

Make vs. buy

Site selection

Consolidation

Vertical integration

Horizontal integration