Since 1985, Technalysis, Inc. has been helping pharmaceutical companies developing manufacturing processes of dry and liquid products. Technalysis has developed unique computer software tools and experience which extends to a variety of problems in pharmaceutical industry.

By using these software tools, Technalysis can:
- Model the manufacturing process before the first prototype is build,
- Design the prototype process,
- Model the scale-up,
- Design the full-scale process.

By using Technalysis simulation tools, one can study the manufacturing process of a compound early on by:
- Determining the physical properties of the material from a small sample,
- Modeling and designing a prototype testing tool using simulation,
- Modeling and designing the scale-up version of the prototype to full scale.

Since these processes require expensive machinery, optimization leads to substantial cost savings during the process design stage,

Technalysis software tools enable optimizing the manufacturing process in a shorter time and at a lower cost as compared to making changes and testing.

Technalysis can evaluate available equipment and aid in optimizing for a specific compound,

The analysis results provide valuable insight to the details of the manufacturing process.

SELECTED CLIENTS

- Pfizer
- Lilly
- MERCK
- Abbott Laboratories
- ORTHO-McNEIL

Tablet Making:
- Granulation- High Speed and Fluidized Bed
- Tablet Filling
- Tablet Forming
- Tablet Coating
- Tablet Solubility

Freeze-drying
Mixing of liquid and dry products
Fermentation
Filling line
Drug delivery devices
Fume control
Temperature Control for Storage Facility
SELECTED APPLICATIONS

GRANULATION PROCESS

HIGH SHEAR

TABLET FILLING

FLUIDIZED BED

MIXING OF LIQUID AND DRY PRODUCTS

TABLET COATING

FREEZE DRYING PROCESS