

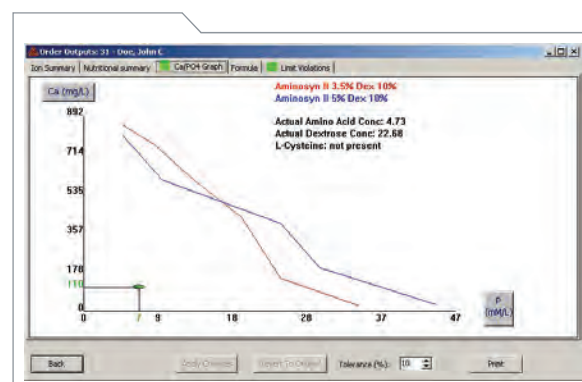


**Abacus TPN Calculation Software**  
Windows-based order entry software  
for comprehensive tpn calculations  
and label printing.

Available in:

- CE** (Calculation Only Edition)  
**SE** (Single-Workstation Edition)  
**ME** (Multi-Workstation Edition)

## SCREENSHOTS



Label	Line	Substance	Order Value	Limit Value	Instructions	Rationale	Overrides by
Water	1	Water	271.01 ml/hour	200.00 ml/hour	Point to low high		
Mixes	1	Mixes	500.00 ml	400.00 ml	Largest bag 1250 is 4L		
Adapt	1	Mixes (includes Dextrose)	5129.00 ml	4400.00 ml	4L is largest bag in stock. Volume above 4400 ml will exceed (max) concentration. Adjust with multiple bags if the volume cannot be reduced.		

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**ABACUS™**  
TPN Calculation Software



## COUNT ON **ABACUS** FOR **EASY** TPN CALCULATION AND **SAFE** COMPOUNDING AT THE TOUCH OF A FINGER

Introducing Abacus, Baxa Corporation's Windows®-based order entry and calculation software for TPN and other multi-ingredient solutions. Designed by health-system pharmacists, Abacus ensures safety and reduces the opportunity for user error in the prescribing, calculating and mixing of parenteral nutrition solutions. The software offers built-in safety features and user customization to match individual facility's forms and procedures. Its graphical user interface and drop-down menus make the program easy-to-use and facilitate pharmacy staff training.

From calcium and phosphate solubility curve analysis to customizable warning limits, Abacus provides users with all the information necessary to make safe clinical decisions. Combining the highest level of compounding safety with extensive reporting tools, the software supports pharmacy tracking and decision making.

### ABACUS BENEFITS

#### SAFE

- Customizable user security settings
- Bar code generation for patient formulas
- Online pharmacist order approval
- Calcium/phosphate curve analysis and graphing
- Customizable formula warning limits
- Template driven order entry
- Age/weight/gestational age rules-based dosing
- Order recommendations

#### EASY-TO-USE

- Order entry 'What you see is what you get'
- Customizable TPN templates
- Batch production
- Repeat selected order
- Finish later option
- Drag and drop calcium/phosphate utility
- Summary screens

#### EFFICIENT

- Microsoft™ SQL or MSDE 2000 database formatting
- Calculates and balances the care providers' prescriptions
- Accommodates templates based on customer order entry forms
- Lipids may be ordered at rate different than the primary TPN bag

#### FLEXIBLE

- Customizable formulary
- Customizable global preferences
- Customizable patient listing

#### REPORTING AND TRACKING

- Software "Black Box" of user activity and system events
- Event viewer provides easy access to audit user activity
- Pharmacist override justification options
- Installed sample reports and labels
- User report customization

#### SUPPORT

- 24/7 Technical support available
- New customer on-site training for all full-function versions of Abacus
- Online help and printable user's manual
- Free software upgrades and patches for installed Abacus version
- Pre-install configuration/setup for all full-function versions of Abacus
- Post-installation customization services
- Electronic Baxa User Group (eBug™)

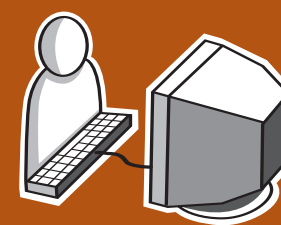
### ABACUS FEATURES

- Windows-based operating system
- Energy, ion and salt-based order entry models
- Aluminum content tracking capability
- Customizable labels and order entry templates
- Flexible patient management screens

## COUNT ON **BAXA** FOR **TECHNOLOGY** THAT **STREAMLINES** PHARMACY PRACTICE

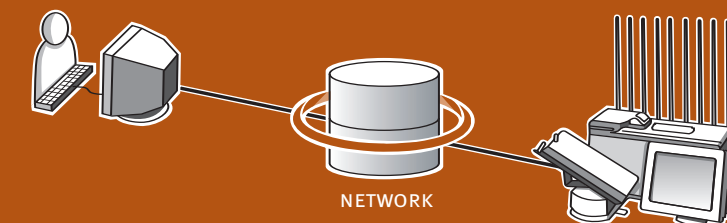
The Abacus Software complements the Baxa hardware for a complete state-of-the-art system for automated compounding. Depending on the edition used, it loads onto a facility network and sends orders from single or multiple computers directly to the compounders. Bar-coded patient labels ensure the right formula is prepared. An online manual and 24/7 Technical Support round out one of the safest compounding systems available.

### MULTIPLE CONFIGURATIONS ACCOMMODATE YOUR PHARMACY'S INDIVIDUAL NEEDS



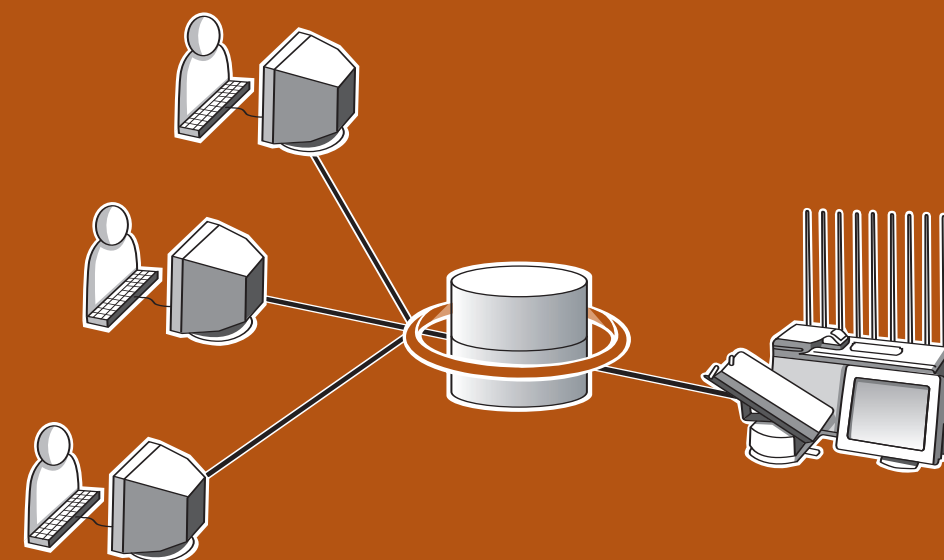
#### ABACUS CE – CALCULATION EDITION (SINGLE WORKSTATION)

Stand-alone software version that calculates the patient formula and prints a label, but does not interface with Baxa compounders. Software includes warning limit capability, aluminum tracking, drag-and-drop CaPhos curve utility and other features to address individual facility protocols.



#### ABACUS SE – SINGLE-WORKSTATION EDITION

This version offers the same features as CE, but also generates a patient file to drive the Baxa compounders. This version is typically set up in a peer-to-peer network configuration, but can be loaded onto the facility network.



#### ABACUS ME – MULTI-WORKSTATION EDITION

This version offers the same features as SE, but is configured on the facility network and allows order entry from multiple workstations simultaneously.