

# *SmartCodeStudio*



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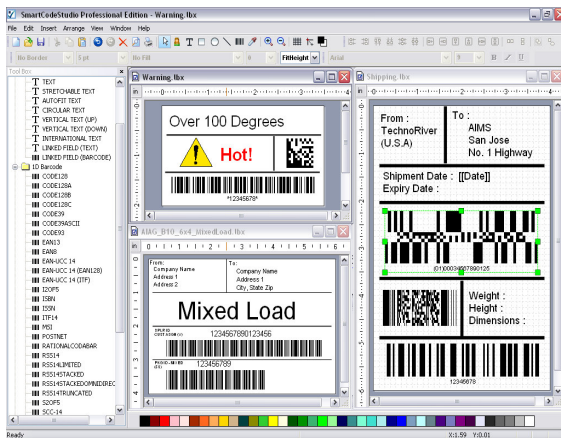
**TechnoRiver**   
*Barcode software and components*

## What is SmartCodeStudio?

SmartCodeStudio is the industry-leading label design, barcode and printing software. It is feature rich and yet extremely easy to use. With comprehensive database support, powerful design capabilities and extensive barcode support, it is the ideal tool for the print industry professionals.

Whether you are printing hundreds or thousands of labels per day, or having multitudes of different printer types and label designs, TechnoRiver's state-of-the-art auto identification software is guaranteed and field-tested to provide the robustness necessary in meeting all the demands of your business.

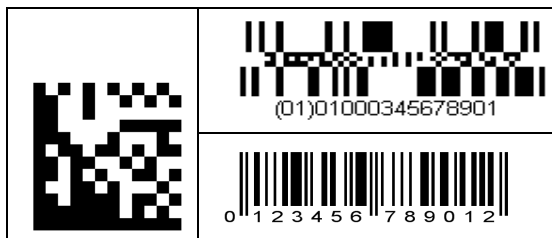
## True WYSIWYG Label Design



SmartCodeStudio provides you with a **high precision view** of your label and total **control** of your label's appearance, including bar codes, text, graphics, rich text and shapes. You can import pictures from your scanner or camera and place them exactly where you want them to be. You're limited only by your boundless imagination.

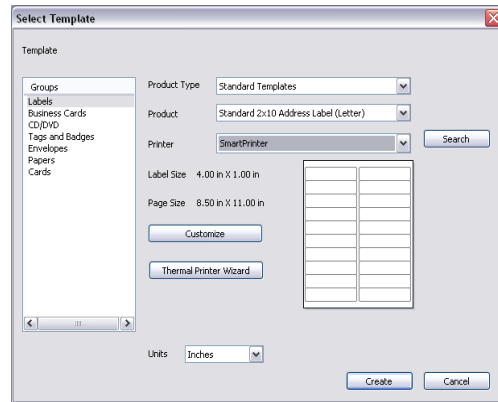
## Numerous 1D and 2D Bar Codes Support

SmartCodeStudio supports nearly all the industries widely used 1D and 2D barcodes. Accuracy and quality are the two key aspects of the bar code engine of SmartCodeStudio that produces the most recognizable barcodes in the industry.



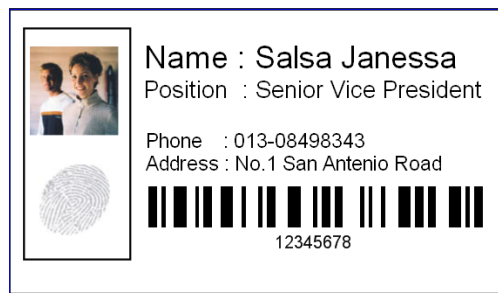
## Huge Label Stock Templates Database

SmartCodeStudio offers a huge--one of the industry largest!--and expandable Label Stock database. The Stock Database stores the dimensions of many different labels. This greatly simplifies the task of label design. It does not stop here; other products like name cards, PVC cards, letters, papers and badges are also supported as well. New label dimensions can also be easily added and managed using the Label Manager and then exported and shared with other SmartCodeStudio users.



## ID Cards Design

SmartCodeStudio also provides advanced identity capabilities including integrated photo and graphics management module for creating identification cards. Design your company ID cards in minutes!

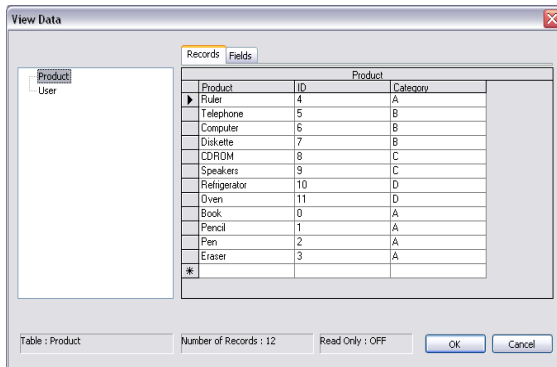


## Print Time Data Entry

When creating documents, e.g. invoices, orders and shipping labels, using a pre-designed, tested template while entering portions of the data at print time is ideal. SmartCodeStudio allows this by providing powerful combination of static templates with Print -Time data entry dialog. Both text and barcodes in the document can be configured to support print time data entry.

## Database Support

SmartCodeStudio reads from most database platforms such as Microsoft Access, Microsoft Excel, FoxPro, dBase, delimited text files, ODBC DSN, OLE DB and many more. These database records can be used to generate barcodes or text fields on the labels.

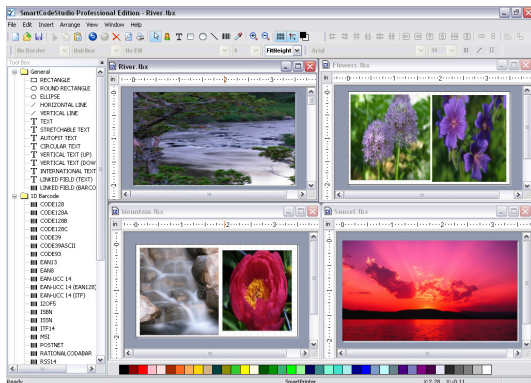


## Sophisticated Record Selection and Filtering

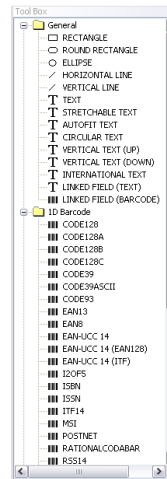
SmartCodeStudio provides unmatched power and flexibility to assist in the selection of records for printing. This ranges from the simplest search on a file, to UI-based records selection, to the most sophisticated query statements.

## Smart-Acquire Images

Insert acquired images from any TWAIN or WIA compatible device including digital cameras, scanners, and biometric devices into your design. SmartCodeStudio also includes an integrated image-processing module to crop, flip, rotate and process acquired images. These images can be added to the document design easily.



## Modern User Interfaces

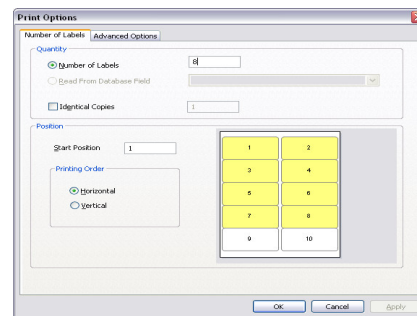


SmartCodeStudio also has one of the most **innovative and intuitive** user interfaces. You just want to print labels and you don't want to spend too much time on it. It doesn't matter if you are a professional user with complex tasks or a desktop user. With SmartCodeStudio you will be able to solve your problems quickly and you don't need extensive training to do it.

The truly unique **"One Touch"** objects toolbox gives you instant access to an extensive set of shapes, text and bar code components. Simply drag and drop the type of objects required and then customize as desired.

## Flexible Print Options

SmartCodeStudio offers an extensive set of options for printing. From selecting the start position of a label sheet, to setting the quantity of labels to print by reading from a database field, to selecting a range of database records, to using filter and sort tools, nearly every conceivable option is configurable in SmartCodeStudio. Automatic printer detection and configuration is provided, including paper bin detection.



## Free Technical Support, Free upgrades for a year

TechnoRiver provides comprehensive support to our customers. Registered users are entitled to free email, phone and fax support. Users are also entitled to a 1 year free upgrade of the software.

## Specifications

### Design Features

- True WYSIWYG editor
- "**One-Touch**" drag drop User Interface
- High Precision On-Screen Display
- Full color editor
- Advance Print Preview
- Multiple Document Interface
- Linked Fields/Barcodes
- Linked Fields Functions
- Multiple Objects Selection
- Automatic Objects Alignment
- Objects Grouping
- Grid Options
- Snap to Grid
- Undo/Redo
- Concurrent Object Properties update
- Graphics import in different formats
- Metric and US Measurement Systems

### Text

- Full Text Options
- Automatic Stretchable Text
- Circular Text
- Rotation
- Wrapping
- Rich Text Support
- White on Black Text
- Print-time Data Prompt
- Date/Time specification
- Paragraph Support
- Database integration

### Graphics

- Vector Graphics
- Clip art
- Image rotation
- Image aspect preservation
- Print-time Data Prompt
- Acquired image editing - crop, flip, rotate
- RFID Logos

### Design Objects

- Rectangle
- Round Rectangle
- Ellipse
- Line
- Rounded rectangle corners
- Border Specification
- Corner Roundness Specification
- Border Thickness Specification
- Transparency
- Rotation
- Gradient
- Pattern filling (Over 50 types)

### Barcode Supported (Linear)

- CODE128 (Auto)
- CODE128 (A, B, C)
- CODE39
- CODE39 FULL ASCII
- CODE93
- EAN13 (with extension support)
- EAN8 (with extension support)
- I2OF5
- ISBN (with extension support)
- ISSN (with extension support)
- MSI
- POSTNET
- RATIONAL CODABAR
- RSS14
- RSS14 Limited
- RSS14 Stacked
- RSS14 Stacked OmniDirectional
- RSS14 Truncated
- S2OF5
- UCCEAN128 (Full AI Wizard, **Multipart**)
- UPCA (with extension support)
- UPCE (with extension support)
- UPC Extension 2
- UPC Extension 5

### Barcode Supported (2D)

- PDF417 (*including Truncation, ECC Level, Data Columns specification support*)
- Data Matrix (*including Square and Rectangular Type Specification*)
- QR Code (*support for Kanji*)

### Predefined Label Stock

- Huge database of industry templates
- Labels
- Paper
- Card
- Name Badges
- CD/DVD
- Envelopes
- Templates Customization
- Templates Management
- User Database
- Advanced Templates Search

### Image Acquisition

- Digital camera support
- Webcam support
- Scanner support
- TWAIN compatible device
- Image file
- Cropping
- Barcodes
- Photographs
- Signatures

### **Database Support**

- Microsoft Access and Excel
- Microsoft SQL Server
- ASCII Text Files (.csv, .txt and .tab)
- dBase
- FoxPro
- ODBC DSN
- OLE DB
- MySql
- PostgreSQL
- Interbase
- Informix
- Sybase
- DB2
- Paradox
- Oracle
- Standalone database
- Integrated database editor
- Networking and data sharing support
- **Concurrent Multiple Database support**
- User Credentials
- Custom SQL
- Text File Schema Specification
- Create Database
- Database Fields Editor
- One-Touch Database

### **Filter and Sort Records**

- Flexible and powerful records selection
- Select multiple records for printing
- Specify range of records for printing
- Custom SQL for records selection
- Records sorting with multiple ordering
- Records filtering with multiple criteria

### **Barcode Support**

- Industry standard adherence
- Precise bar width specification
- Stretchable Bar Width specification
- Database integration barcodes
- Advanced Serialization
- Sequentially Numbered Bar Codes
- Print-time Data Prompt
- Start/Stop character specification
- Human readable text options
- Automatic Check Digit
- Wide-to-narrow bar specification
- Fixed Data Source
- Variable Data Source - database and counter

### **Counter and Serialization**

- Serialized text and barcode objects
- Numeric and alpha-numeric counters
- Decimal and base number systems
- Prefix and suffix options
- Start and Step Options
- Padding options
- Minimum and Maximum specification
- Sampling illustration

### **Image Editor**

- Insert images from camera, scanner, database or disks
- Preserve Image Aspect Ratio
- Crop and rotate images
- Prompt for image path
- Horizontal and Vertical Flipping of images
- Save edited images to disk or database

### **Print Manager**

- Integrated Print Preview
- Print document design in one easy step
- Printing Order and Position
- Specify number of labels (including database field)
- Identical Copies options
- Select pages for print
- Destination printer selection
- Paper source selection
- Start Position specification
- Automatic paper detection
- Specify print method
- Apply calibration
- Label Crop Marks
- Mail Merging
- Interrupt or cancel print job
- True Windows Drivers
- Local and Network Printer Support

### **RFID (Radio Frequency and Identification)**

- EPCGlobal
- ISO Standards

### **Integration/Automation (Command Prompt)**

- Issue commands to print labels to a printer or to a PRN file
- Specification of print options from the DOS Command Prompt
- Specification of SQL (Structured Query Languages) to select the records to be printed
- SmartCommander Integration

### **Printer Support**

- Autronics • Argox • Avery Dennison
- Blazeprint • Brady • Cab • Canon
- C. Itoh • Century • Citizen • Cognitive
- Compuprint • Comtec • Datamax
- Datasouth • EdiGuard • Eltron • EPC
- Epson • Etimark • ETISYS • Facit
- Fargo • Genicom • Godex • Hewlett-Packard • IBM
- Intermec • Italora • Lapis
- Lexmark • Magicard • Markem • Markpoint
- Meto • Monarch • MPH • Novexx
- Okabe • Okidata • Panasonic • Paxar • Persona
- Pitney Bowes • Pressiza • Printronix • Quick Label
- SATO • System Wave • Datasouth • TEC
- Tektronix • Texas Instruments • Tharo • UBI
- Ultra • Unimark • VIPColor • Xerox • Zebra
- All Windows Compliant Printers

<b>Features</b>	<b>Professional Edition</b>	<b>Standard Edition</b>	<b>Print Only Edition*</b>
WYSIWYG Design	✓	✓	
"One-Touch" drag and drop	✓	✓	
High Precision On-Screen Display	✓	✓	
Database of Industry Stock Templates	✓	✓	
Customizable Stock Templates database	✓	✓	
Different Metric Measurement System	✓	✓	
Undo/Redo/ Grouping/ Multi-Select	✓	✓	
Command Prompt Automation	✓	✓	✓
Object Pattern Filling and Gradient	✓	✓	
Rectangular and Circular Label Outline	✓	✓	
Linked Fields and Functions	✓		
Image Graphics, Vector Graphics	✓	✓	
Rich Text Formatting, Paragraph Support	✓	✓	
Automatic Stretchable Text	✓	✓	
Circular Text	✓	✓	
1D Bar Codes	✓	✓	
2D Bar Codes	✓		
Multipart UCC/EAN barcode	✓		
Create Fixed Data Barcodes	✓	✓	
Create Variable Data Barcodes	✓		
Option to display Start/Stop Characters	✓	✓	
UCC/EAN 128 Wizard	✓	✓	
Check Digit Capability	✓	✓	
RFID (Radio Frequency and Identification)	✓	✓	✓
Local and Network Printer Support	✓	✓	✓
True Windows Drivers	✓	✓	✓
Serialization	✓		
Database -ODBC,OLE DB,dBase,Access and Excel	✓		✓
Database Creation/One-Touch Database	✓		
Concurrent Multiple Database support	✓		
ASCII Text Files	✓		
Text File Schema specification	✓		
Print-Time Data Prompt	✓		✓
Print Process Management	✓	✓	✓
Dynamically add, select DB records for printing	✓		✓
Advanced record filtering	✓		✓
Print label, name card, letter design	✓	✓	✓
Image Acquisition via Camera or Scanner	✓	✓	
Mail Merging	✓		✓
Price	\$289.99	\$99.99	\$189.99

\*SmartCodeStudio Print Only Edition is used for printing an existing design created using the Professional Edition.