# ACT sirius 1

GRAPHICS TOOLKIT – No. 504

BUSIGRAF

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## Functions and Features

BusiGraf is a screen-oriented interactive business graphics generation system written in MS-BASIC. It requires a minimum system configuration of 256k bytes of random access memory (RAM). BusiGraf makes extensive use of the high-resolution capacity of the ACT SIRIUS 1. All 320,000 pixels are accessible via the GRAFIX package used by BusiGraf.

## Pie Charts

To create a pie chart select number 1 from the first screen menu. BusiGraf then enters the Pie Chart selection menu, and asks for the following information:

1. The Date.
2. The Title.
3. Any side notes on the Chart.
4. The number of Pie Charts on the screen (1, 2 or 4).
5. The number of slices in the Pie.
6. The name of each slice.
7. The shading pattern of the slices (if desired).
8. The slice to move out of the Pie (if desired).
9. A sub-title for each Pie (if desired).
10. Automatic calculation of percentages in the Pie (if desired).

BusiGraf will now display the Pie Chart created. You can save the chart or make corrections to it. The completed BusiGraf chart can be outputted to the printer, or incorporated in a slide show. BusiGraf will help with these tasks.

## Bar Graphs

To create a Bar Graph supply BusiGraf with the information below:

1. The Date.
2. The Title.
3. Any side notes on the graph.
4. The number of Bar Graphs on the screen.
5. The name of each bar.
6. The vertical axis title.
7. The vertical axis units (if desired).
8. The type of Bar Graph.
9. The horizontal axis label.
10. The horizontal axis units (if desired).
11. The number of data values per bar to be plotted.
12. The data values for each individual bar selected.
13. Shading pattern required per bar (if desired).

After this information has been supplied BusiGraf will display the Bar Graph, which you can save or correct, output to the printer, or use in a slideshow (as with all BusiGraf graphics).

## Line Plot

To create a Line Plot supply BusiGraf with the following information:

1. The Date.
2. The Title.
3. Any side notes on the Chart.
4. The number of lines on the screen.
5. The name of each line.
6. The vertical axis title.
7. The vertical axis units (if desired).
8. The type of Line Plot.
9. The starting horizontal axis information.
10. The number of data points on the line.
11. The data for each individual point selected.
12. The Line type required.

The Line Plot created will be displayed. You may save this diagram or, as before, make changes.

## Organisation Charts

Use the organisation chart program to create a simple Organisation Chart — a main block with a tree of single-level secondary blocks (as few as two, as many as eleven). Multiple organisation charts can be created to show any level of complexity.

To create an Organisation Chart supply the following information:

1. The date.
2. The Organisation Chart Title.
3. The Level I block(s) text.
4. The number of Level II blocks.
5. The text to be contained within each Level II block.
6. Control Code (the number of further Level charts).
7. The Author's name.

The Organisation Chart created will now be displayed.

## Slide Maker

The slideshow consists of a series of graphs or charts displayed automatically on the ACT SIRIUS 1 screen. You can make a slide of any screen created with BusiGraf. Organise the slides in the order you wish to view them. You can easily change the order, and the same slide may be shown several times without having to create it more than once.

The slideshow program uses the same question and answer session as the other BusiGraf graphics menus; the graphics images already exist on disk, ready for Slide Maker.

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