VERSATA EXHIBIT 2075 SAP v. VERSATA CASE CBM2012-00001 Anticipation: 35 U.S.C. §102 (R3 Documentation)

APPENDIX C

TO THE EXPERT DECLARATION OF

DR. MICHAEL SIEGEL

In the Transitional Program for Covered Business Methods Proceeding before the USPTO Patent Trial and Appeal Board Involving U.S. Patent No. 6,553,350

Claim Chart

R/3 2.2 Online Documentation

("R3 Documentation")

and

U.S. Patent No. 6,553,350

26. A computer readable storage media comprising: computer instructions to implement the method of claim 17.

The R3 documentation discloses a computer-based pricing system that is part of an overall enterprise information system. As a result, the R3 documentation inherently discloses a software system (computer instructions) operating within the memory of a computer system, which thus satisfies claim 26 because, in my opinion, the memory of a computer system is a computer readable storage media. I note that, between invocations, this system would reside on secondary storage, such as a hard disk, which would also constitute a computer readable storage media.

The R3 documentation's description of the enterprise information system is comprehensive, including a detailed description of the pricing component of the system. In addition to pricing, the R3 documentation describes accounting, human resources, business process technology, basis technology and logistics. The logistics description includes sales and distribution, and it is this part of the documentation that describes the pricing functionality. The R3 documentation's description of the pricing functionality is comprehensive, containing very clear disclosure for determining the price of a product offered to a purchasing organization. This very clear, comprehensive description, as shown from the documentation quotes below, demonstrates that the R3 documentation satisfies the enablement requirement. I have opined on this elsewhere in my declaration.

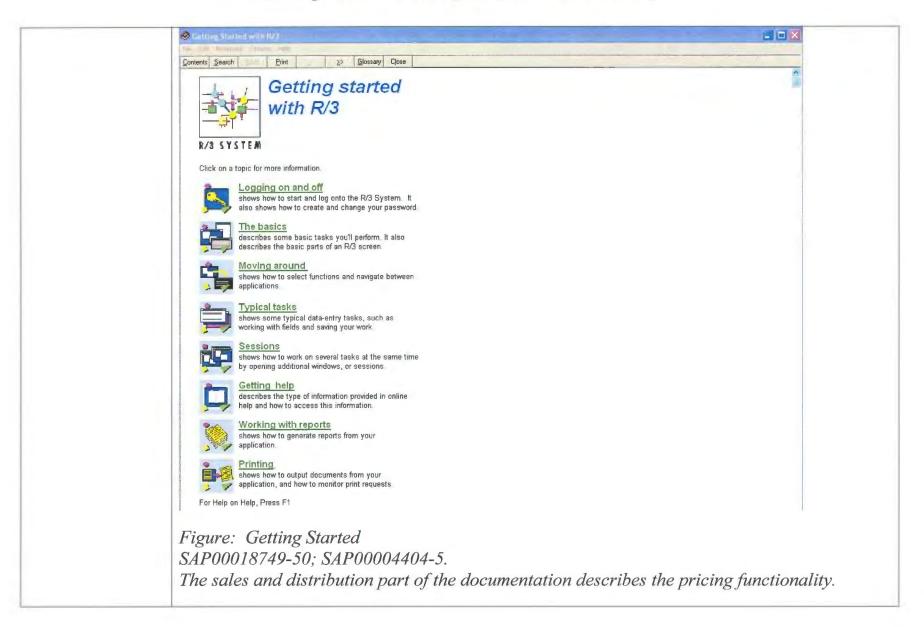
The excerpt below shows the many business-related functions described by the R3 documentation:

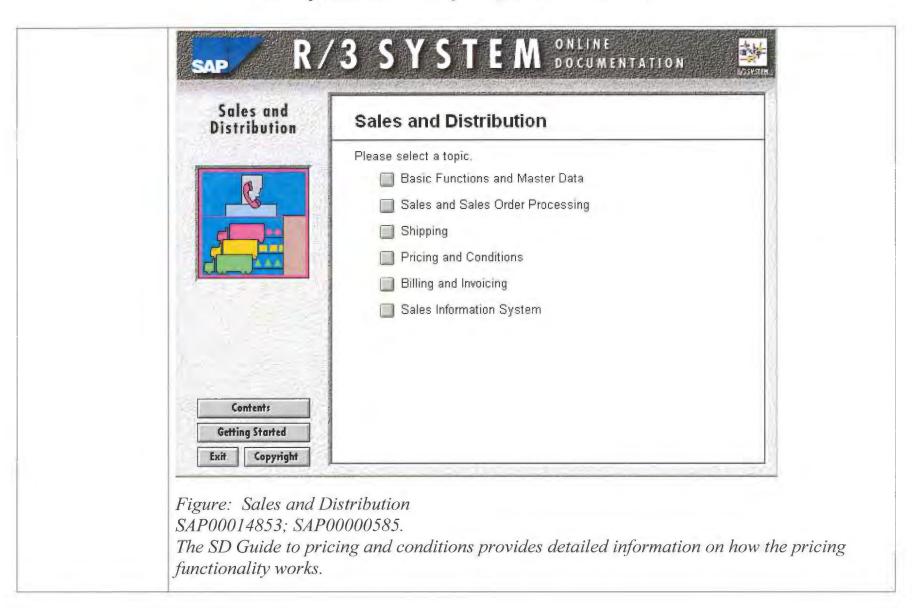


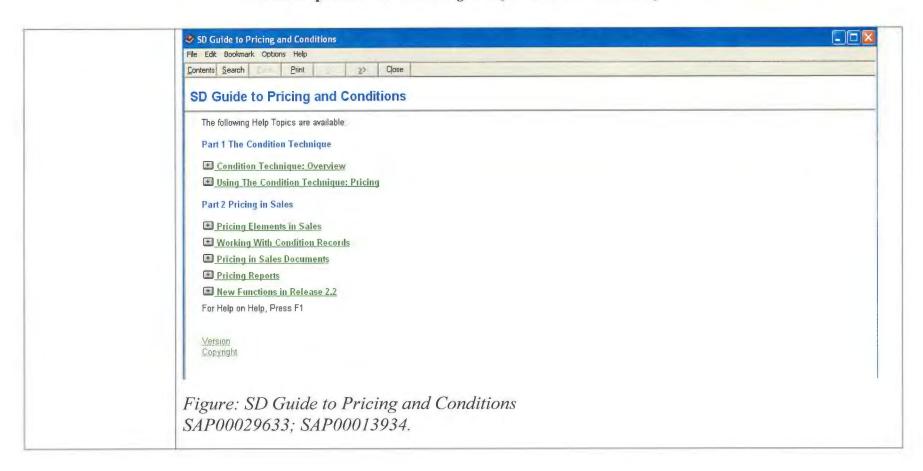
Figure 1 R2.2 Online Documentation

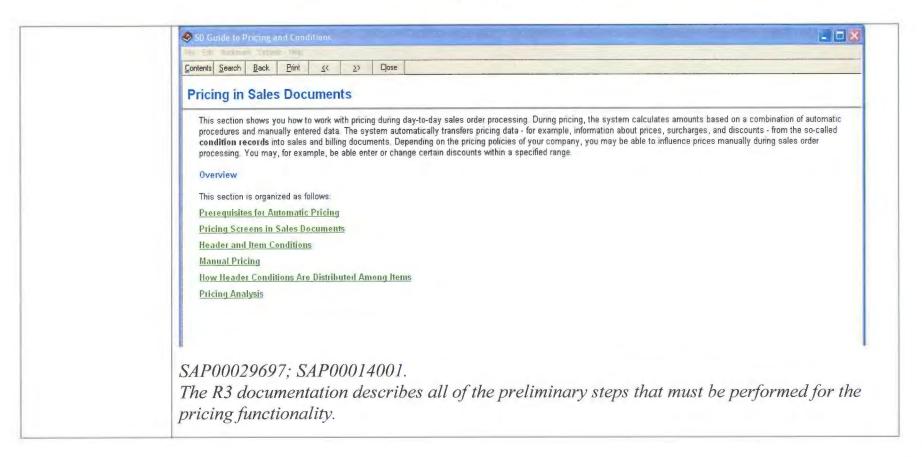
SAP00014846-57; SAP00000578-89. (The convention I use in this chart is that the first bates number is for the 2.2B CD, and this number corresponds to the screen shot above. The second bates number is for the same teachings in the 2.2A CD)

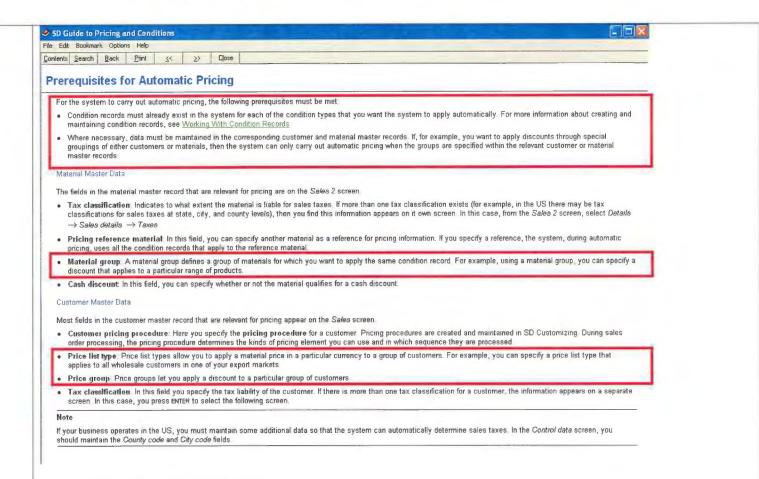
As shown above, the R3 documentation describes the functions performed by an operating enterprise information system. And, as shown below, the R3 documentation provides documentation for "getting started."











SAP00029698: SAP00014002.

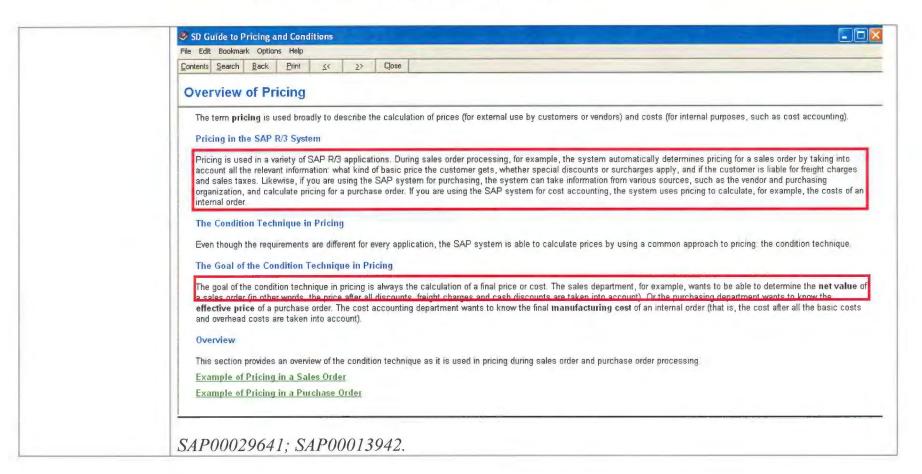
In the above diagram, I have used **red** boxes to emphasize the most relevant parts of the excerpt. I will continue to do so throughout this claim chart.

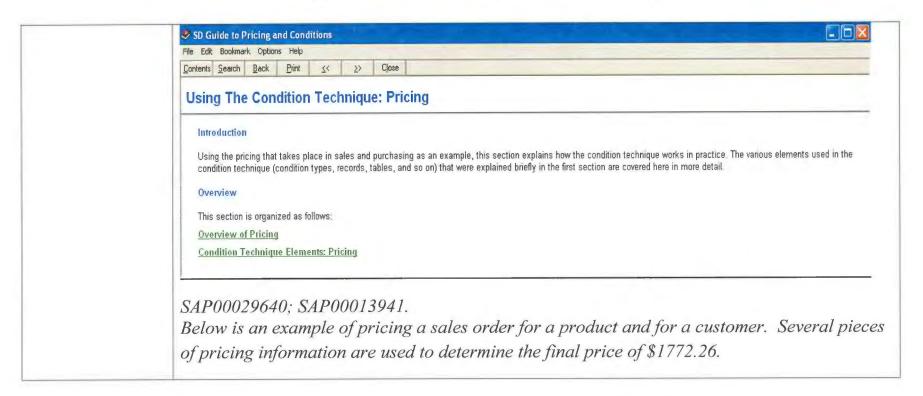
As shown throughout this claim chart, the R3 documentation is comprehensive, well written, instructive and contains numerous examples and figures of the various operations, applications and data structures used as part of an operating software system.

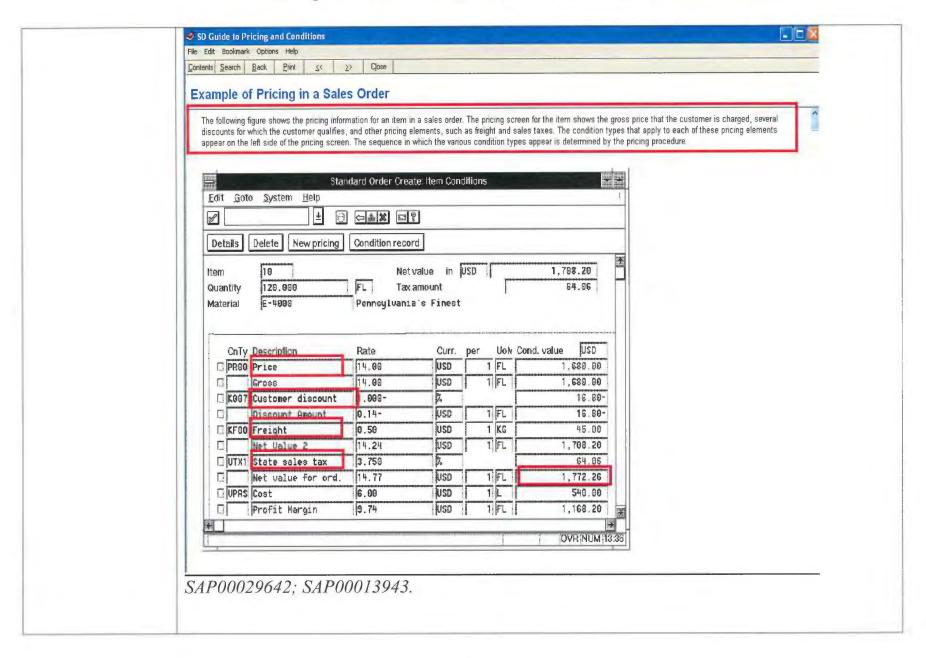
17. A method for determining a price of a product offered to a purchasing organization comprising:

The R3 documentation discloses a method for determining a price of a product offered to a purchasing organization that includes all of the elements of claim 17. The process of determining a price is called pricing. It can be used by a client (owner/operator) of the software system to determine the price at which it will offer some product to a customer.

As noted below, during a sales order, the R3 documentation discloses automatically determining pricing by taking into account such things as the base price, discounts, surcharges, and freight and sales taxes. The condition technique is responsible for determining the final price of a product. It includes many of the processes used in determining the price of a product. Specifically, the condition technique includes pricing procedures, condition types, access sequences, condition records and condition tables, all of which are described in great detail in the documentation and are further described below.







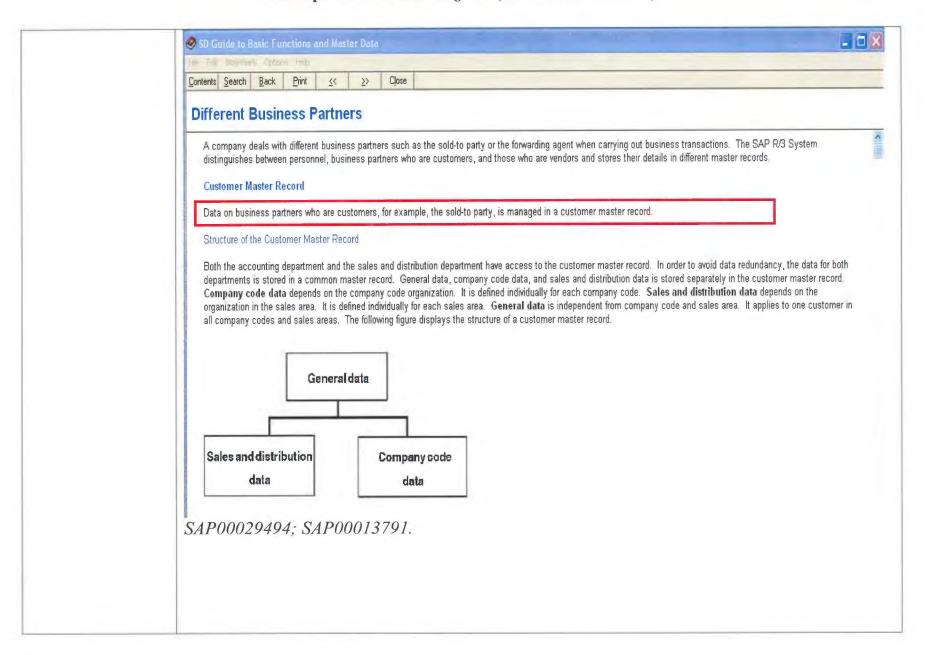
arranging a hierarchy of organizational groups comprising a plurality of branches such that an organizational group below a higher organizational group in each of the branches is a subset of the higher organizational group;

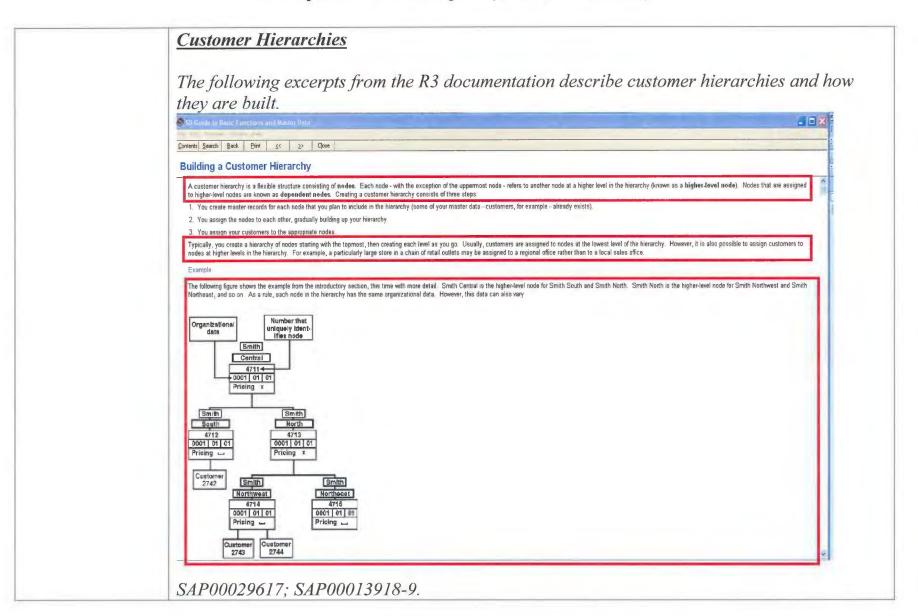
The R3 documentation discloses at least two methods for arranging a hierarchy of organizational groups comprising a plurality of branches such that an organizational group below a higher organizational group in each of the branches is a subset of the higher organizational group: customer hierarchies and customer price groups,

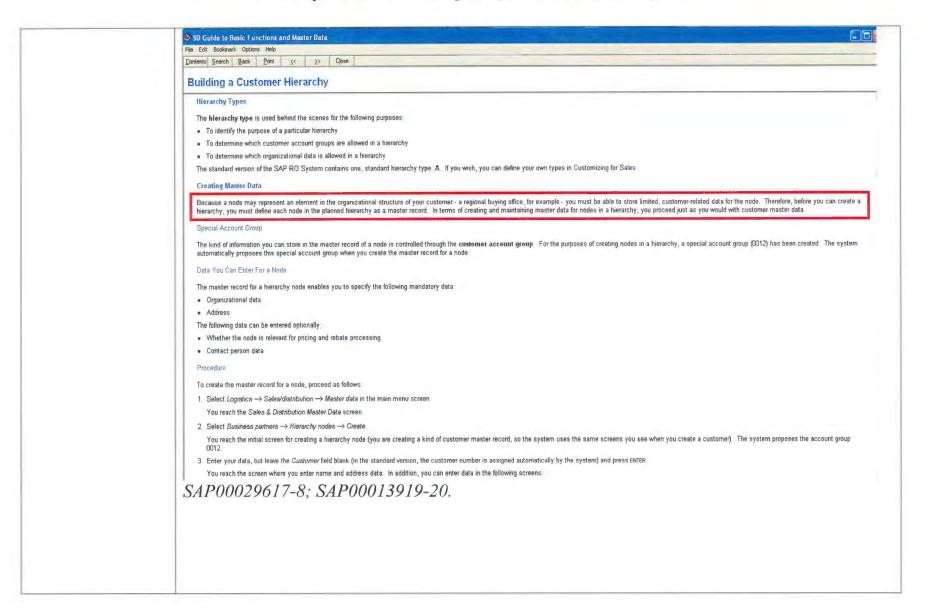
Customer hierarchies: The first method for arranging a hierarchy of organizational groups is to build a customer hierarchy. In a customer hierarchy, each node in the hierarchy is a subset of the organizations in its parent node, and transitively is a subset of the organizations in each of its ancestor nodes. Each node has a customer master record that defines the data for that node, and each node has an indication of its parent node. A user may use any criteria to organize the hierarchy; in the example below, the criteria is geographical location. A customer hierarchy may have any number of levels of nodes, and can be rearranged as necessary to adapt to changing requirements. Usually, customers are assigned to nodes at the lowest level of the hierarchy. However, it is also possible to assign customers to nodes at higher levels in the hierarchy.

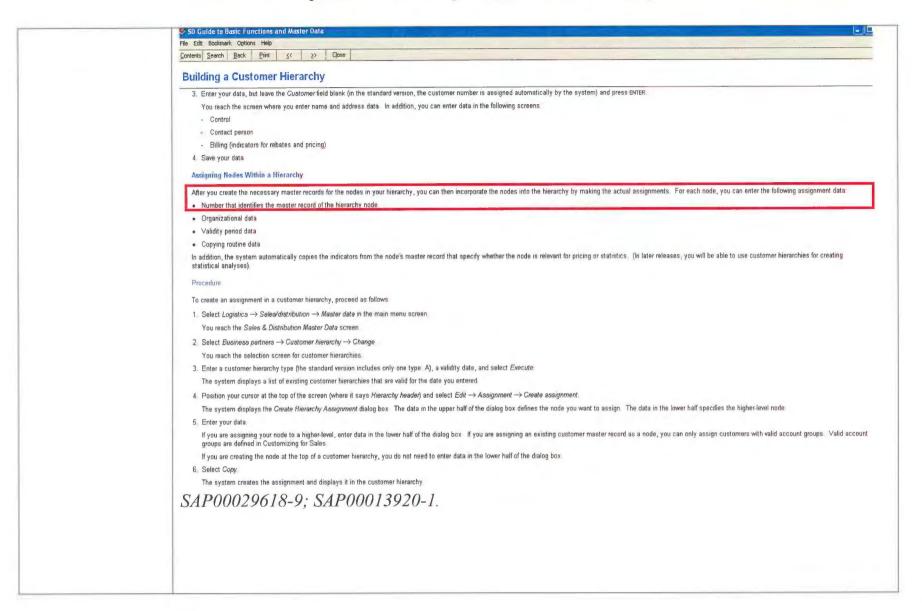
<u>Customer price groups</u>: The second method for arranging a hierarchy of organization groups is to define customer price groups. A customer price group is used to apply pricing information (e.g., a discount) to a particular group of customers. Customers can be grouped by indicating the pricing group of each customer in the customer master record. The R3 documentation has extensive examples of separating customers into wholesale and retail groups and of determining the price of a product based on the group of the customer. The customer price group forms a hierarchy of two levels: the group and its members.

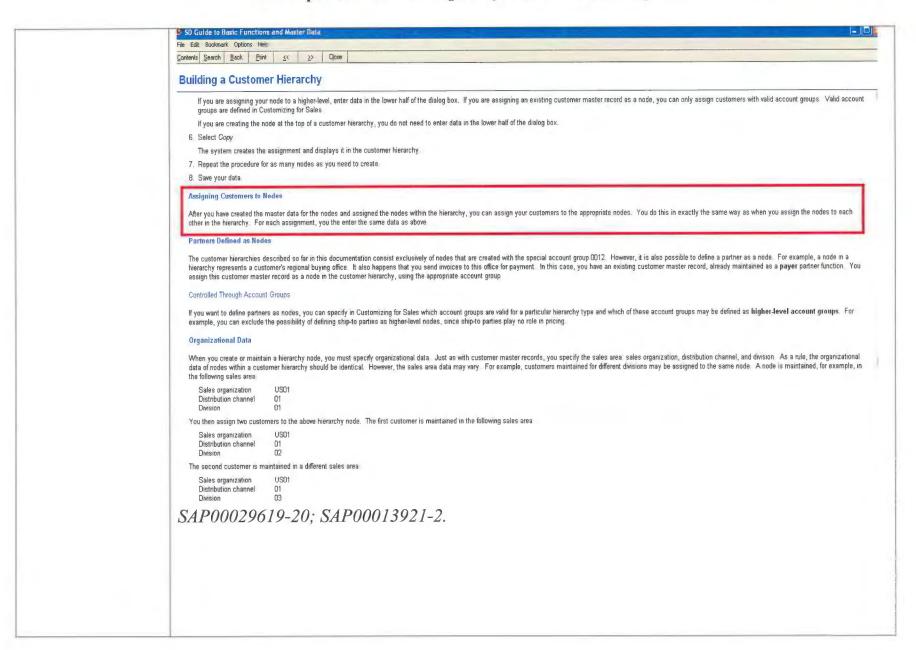
The following quote describes the customer master record, which is used in both customer hierarchies and customer price groups:





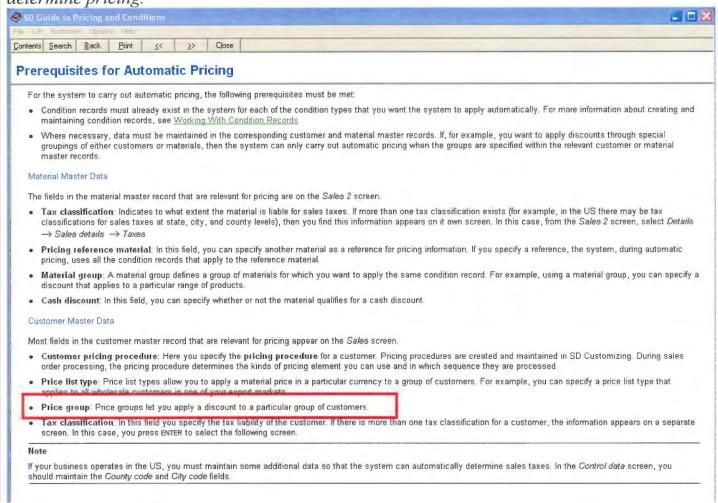




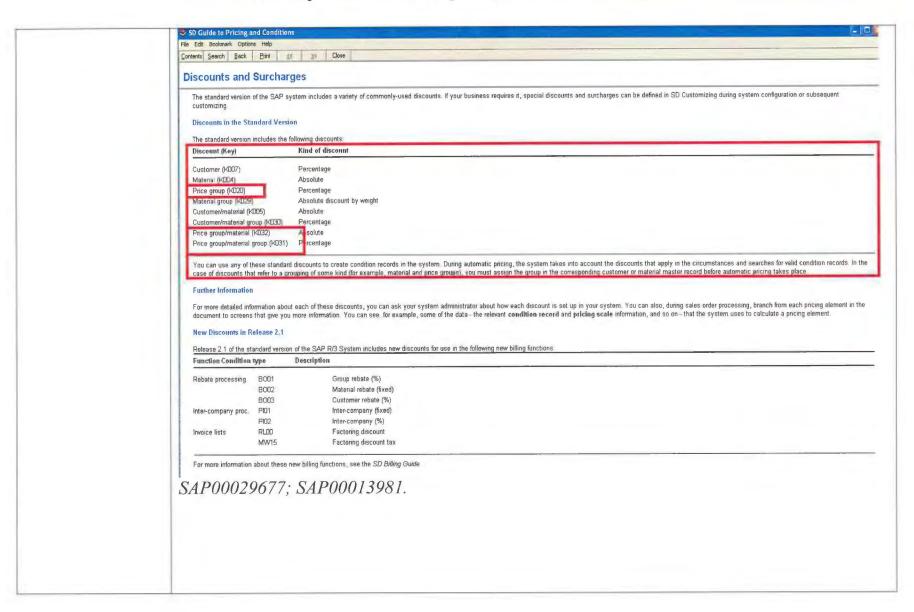


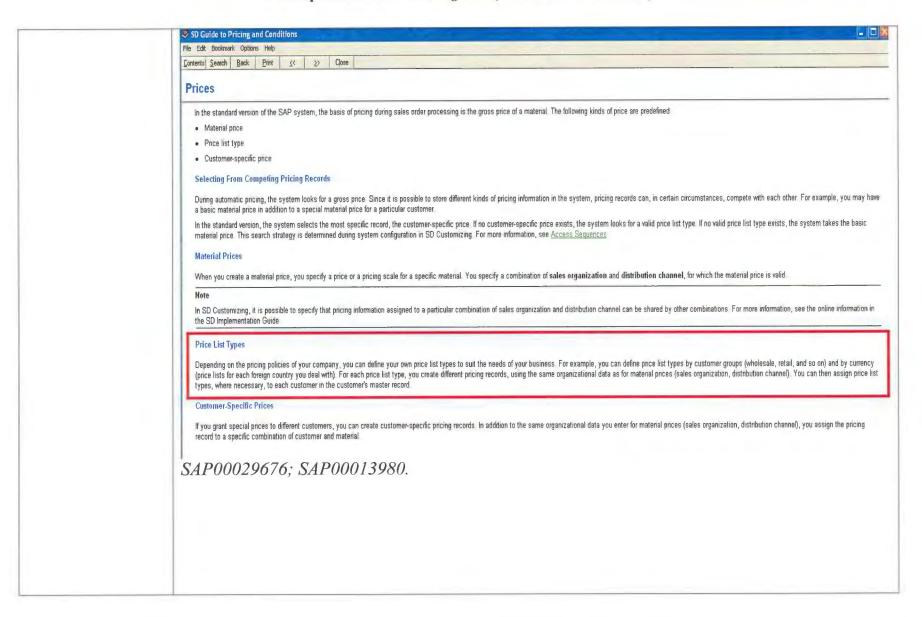
Customer price groups

The following excerpts from the R3 documentation describe how customer price groups can be defined in the customer master data, and demonstrate that price groups can be used to determine pricing.



SAP00029698; SAP00014002.





arranging a
hierarchy of
product groups
comprising a
plurality of
branches such
that a product
group below a
higher product
group in each of
the branches in
a subset of the
higher product
group;

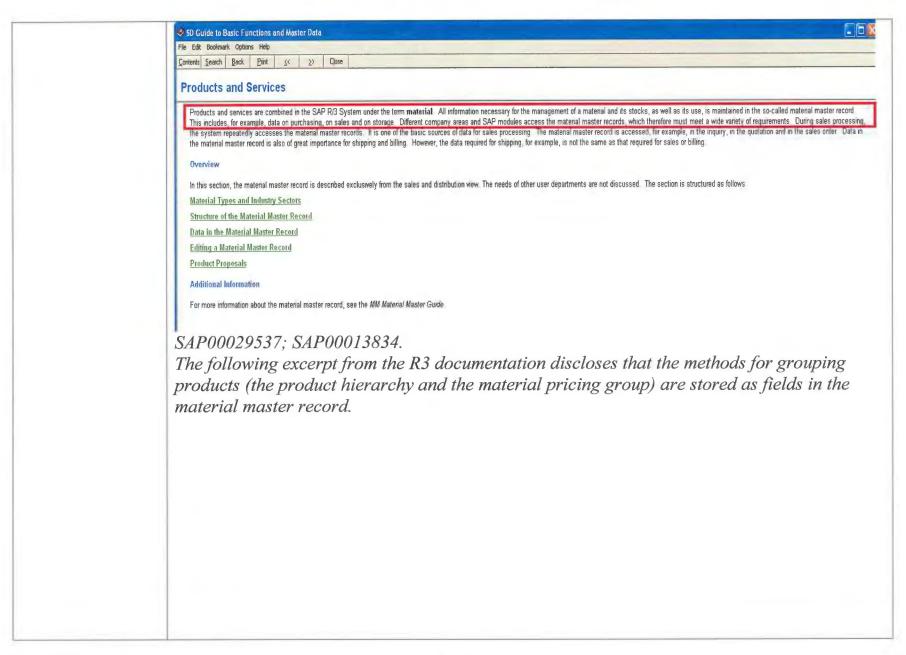
The R3 documentation discloses at least two methods for arranging a hierarchy of product groups comprising a plurality of branches such that a product group below a higher product group in each of the branches is a subset of the higher product group: product hierarchies and material pricing groups. In the R3 documentation, the term "material" is used for products and services that are offered for sale.

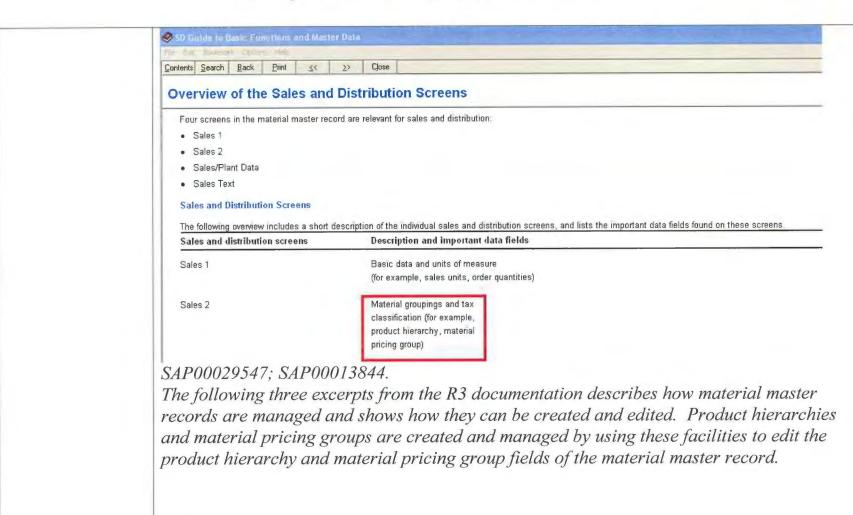
<u>Product hierarchies</u>: The first method for arranging a hierarchy of product groups uses product hierarchies. Product hierarchies are supported directly in the way that identifiers are selected for materials, as shown below. The user may define the criteria or characteristic used to differentiate between individual groupings. For instance, the documentation has an example hierarchy of electrical appliances, which are divided into dry and wet appliances and further divided into specific appliance types. More than one product hierarchy may be defined; the documentation describes an example arrangement in which one hierarchy contains Electrical Appliances and a second hierarchy contains Spare parts.

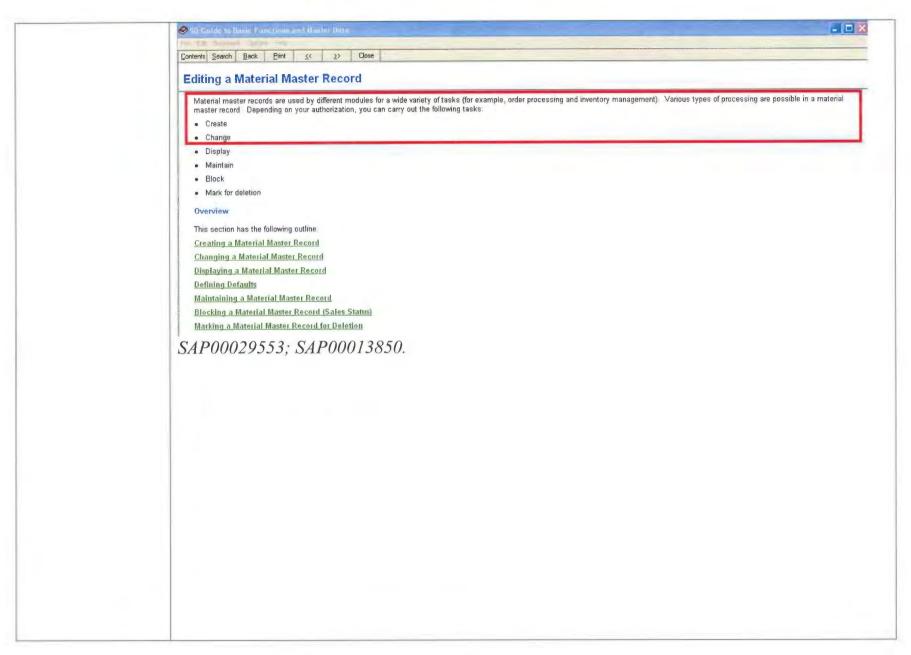
Material pricing groups: The second method for arranging a hierarchy of product groups uses the material pricing group field in the material master record. The material master record contains relevant information about each product, as described below. Each material may be assigned to a material pricing group, which is a two digit numeric key. A material pricing group then contains all of the materials that are assigned the same key. In this way, the material pricing group forms a two-level hierarchy: the material pricing group and its members, the materials that belong to that material pricing group.

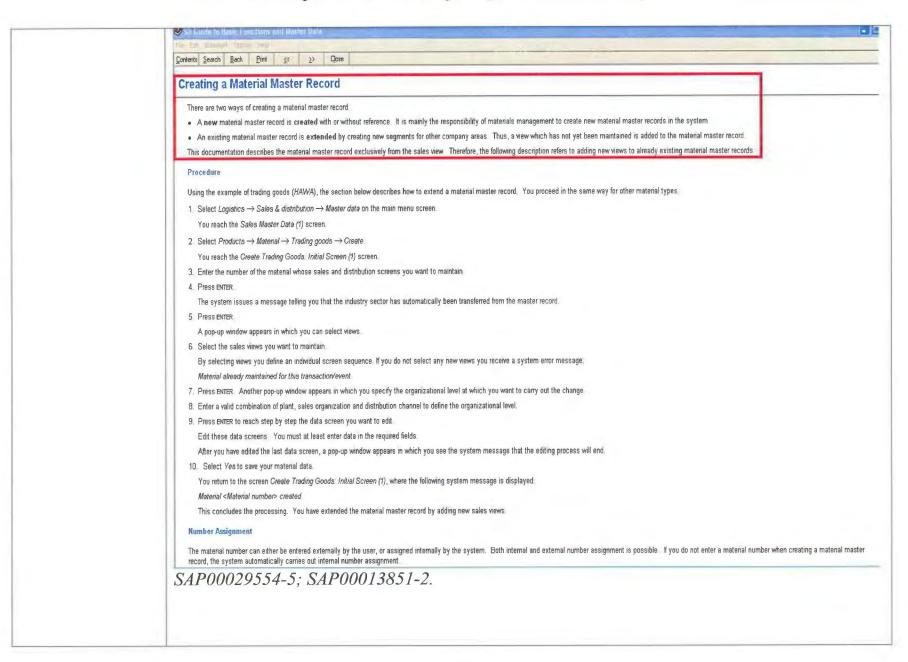
Material: products and services

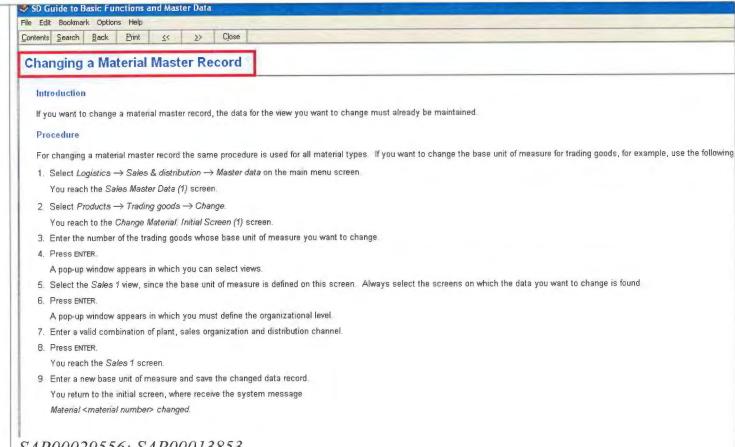
The following excerpt shows that the term "material" refers to products and services, and describes the material master record.







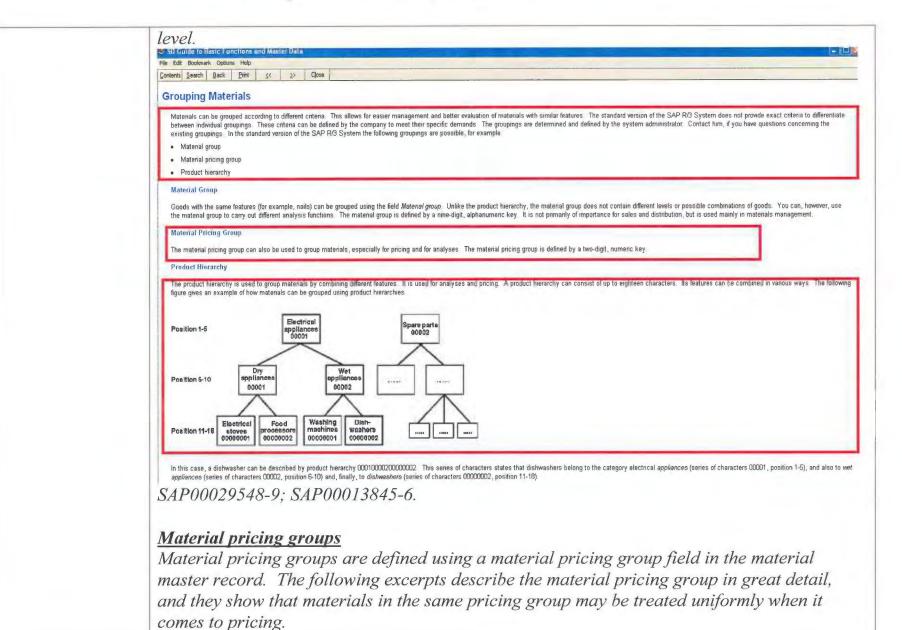


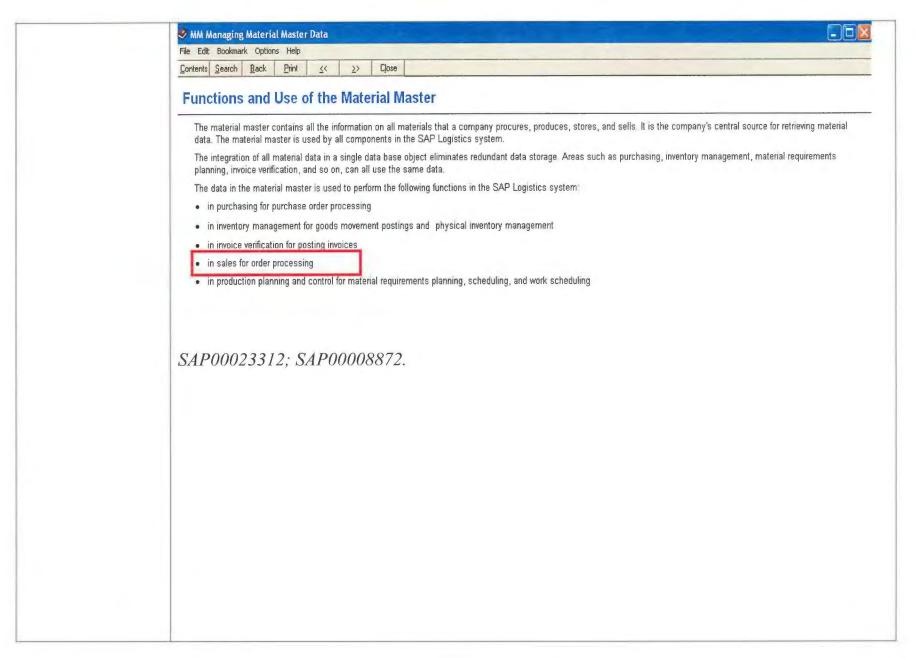


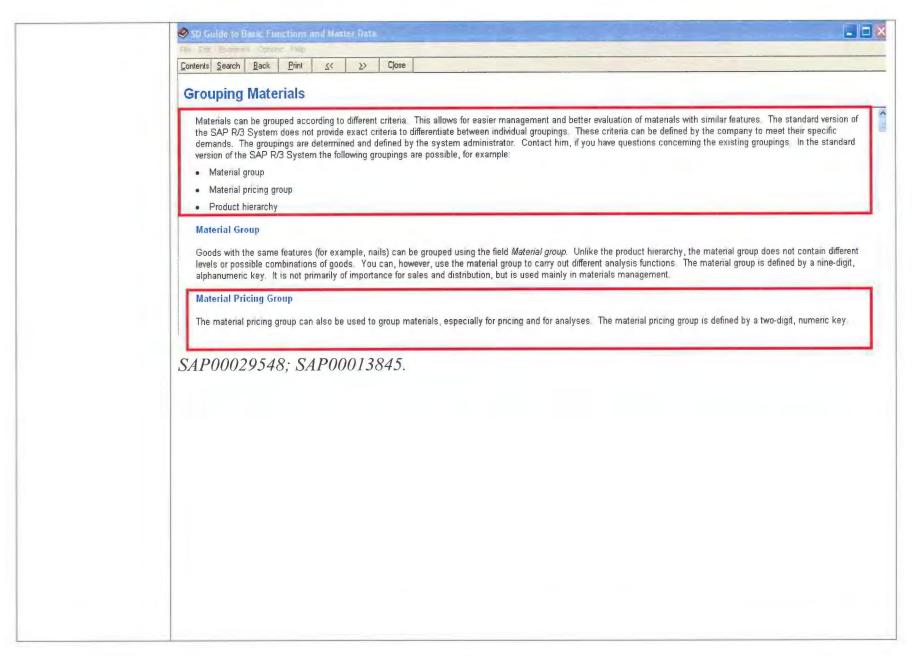
SAP00029556; SAP00013853.

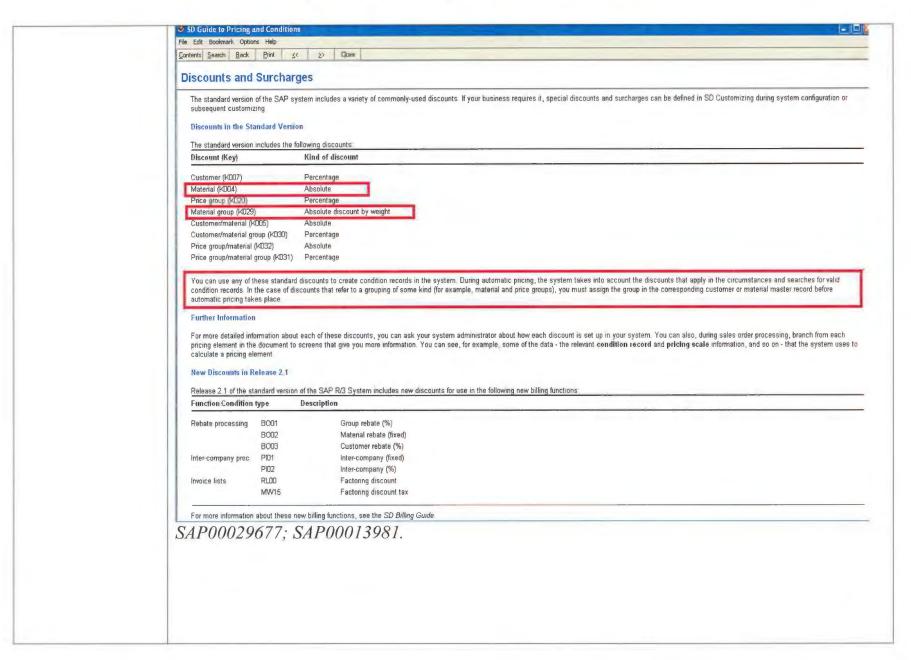
Product hierarchy

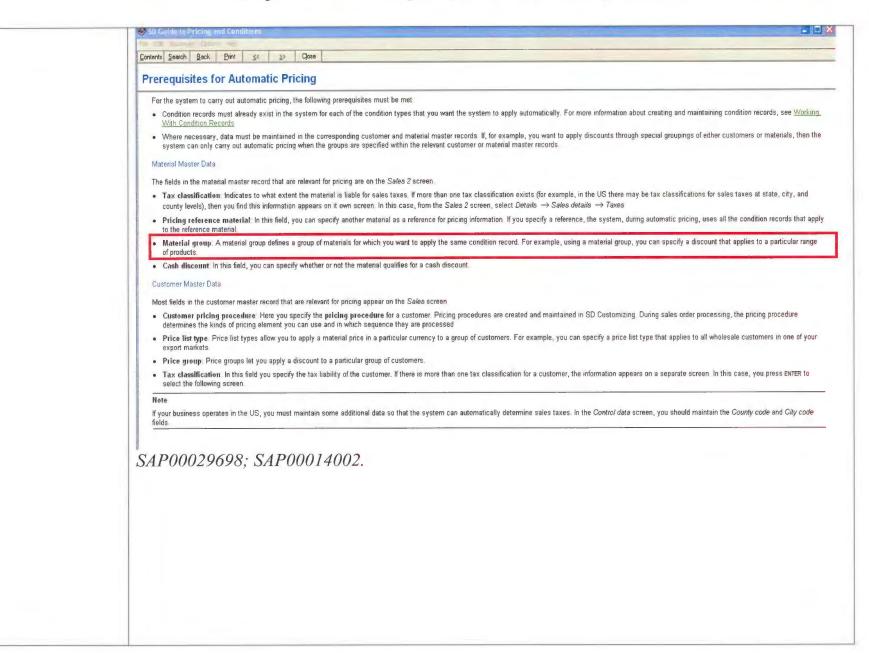
The following excerpt from the R3 documentation describes two product hierarchies. In the first, all Electrical appliances are divided into Dry appliances and Wet appliances, which are further subdivided into individual appliance types. In this three-level example hierarchy, each lower level group in the hierarchy represents a subset of the products at the next higher

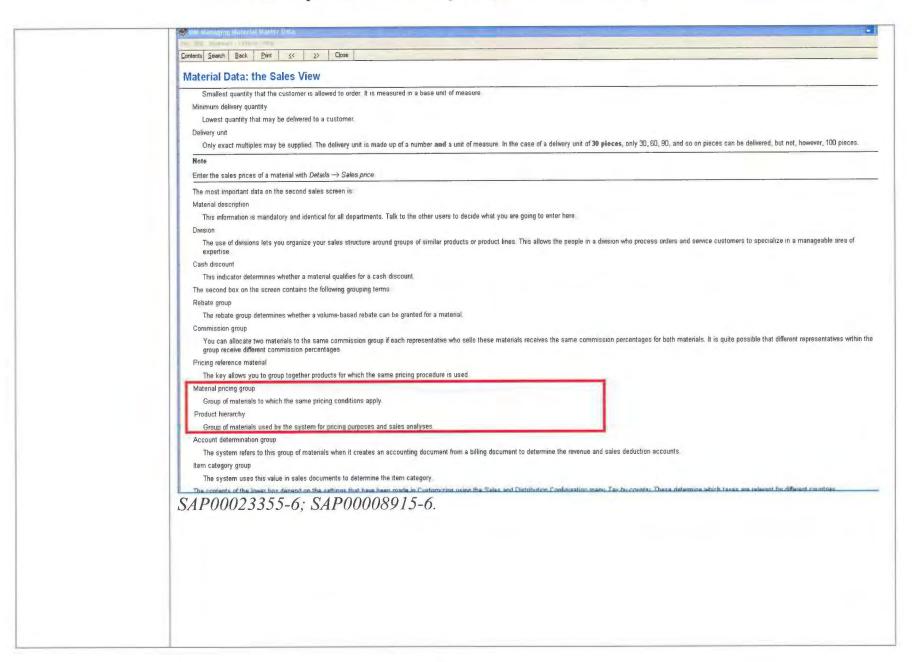












storing pricing information in a data source, wherein the pricing information is associated, with (i) a pricing type, (ii) the organizational groups, and (iii) the product groups;

The R3 documentation discloses using the condition technique, which consists of condition types, condition tables, condition records, pricing procedures, and access sequences for storing pricing information in a data source. Using the condition technique, the pricing information is associated, with (i) a pricing type, (ii) the organizational groups, and (iii) the product groups.

The condition technique provides a very flexible mechanism for storing pricing information, including:

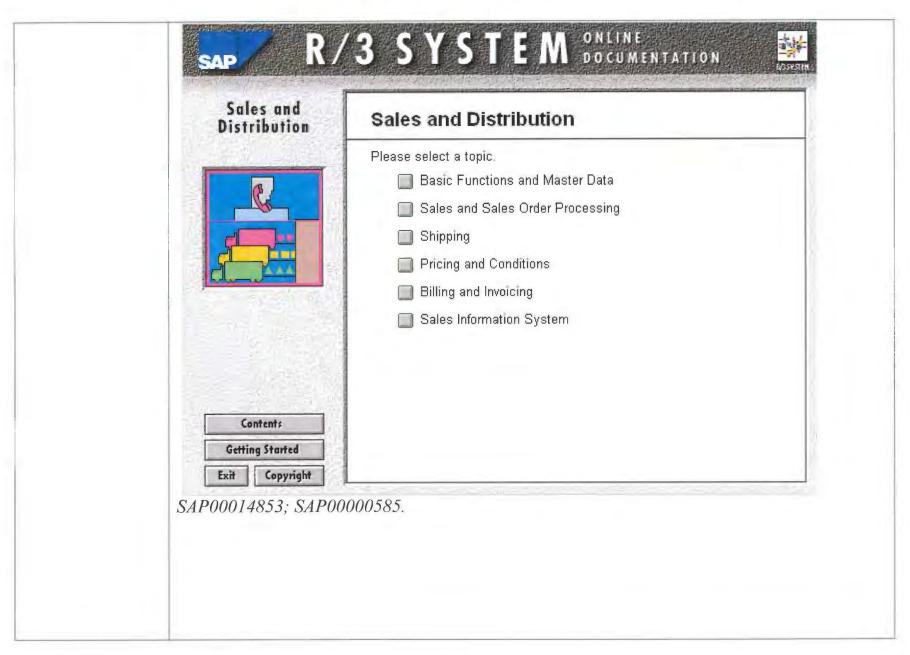
- 1. <u>Condition Types</u>: The user can specify a number of condition types, one for each kind of price, discount, or surcharge that applies to a sales company's pricing calculations. A condition type defines each kind of price, discount, or surcharge that is used. A number of condition types are pre-defined, including PR00 (Price), K004 (Material discount), K005 (Customer-specific material discount), K007 (Customer discount), K020 (Price group discount), KF00 (Freight surcharge by item), UTX1 (State tax USA), UTX2 (County tax USA), and UTX3 (City tax USA), as well as many others. In addition, a user may define additional condition types specific to their pricing requirements.
- 2. <u>Condition Tables</u>: Condition tables store individual condition records (pricing rules) and are keyed by a combination of values that may include either or both of the customer and the material (product). The term "material" is the term used in the R3 documentation for both a product and a service. Condition tables define the combination of fields (the key) that identifies an individual condition record. Each different combination of fields that is used to search for condition records requires a different condition table. The R3 documentation specifies a number of condition tables, including table 005 which defines a four-part key (sales organization, distribution channel, customer, material) and table 004 which defines a three part key (sales organization, distribution channel, material) as well as many others.

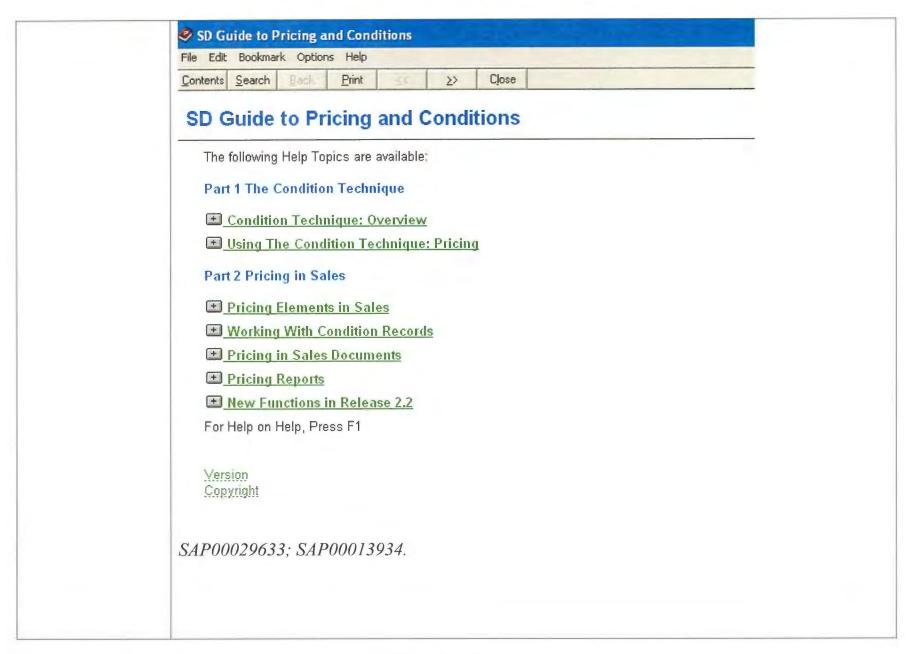
- 3. <u>Condition Records</u>: In the R3 documentation, pricing rules are called condition records. Condition records specify either a price (e.g., retail price) or a calculation to a price (e.g., 10% discount or 5% tax). Condition records are also referred to in the R3 documentation as pricing elements. A condition record stores an individual item of pricing information. Condition records are stored in condition tables.
- 4. <u>Pricing Procedures</u>: Pricing procedures (or just "procedures") determine the order in which the system processes condition types to determine a final price. The R3 documentation describes how a pricing procedure includes prices, discounts, and surcharges used in a sales order or invoice. In the example provided below, the first condition type in the procedure determines the gross price. Condition types then follow that determine the various discounts. Finally, there are condition types that determine freight costs and sales taxes. The documentation also describes how different pricing procedures may be used for customers in different countries or regions. These specialized procedures may take into account local requirements such as sales taxes.
- 5. <u>Access Sequences</u>: Every condition type has an access sequence associated with it. The access sequence specifies the order in which condition tables are used to search for and retrieve condition records corresponding to the associated condition type. The documentation includes an example where a sales department creates different kinds of price data including a basic price for a product, a special customer-specific price for the same product, and a price list for large customers. In some situations, a customer may qualify for all three different prices. The access sequence indicates the order in which pricing data should be retrieved in order to find a valid price. In this example, shown below, the sales department may want the customer to get the most advantageous price, and defines an access sequence in which the special customer-specific price is the first place to search.

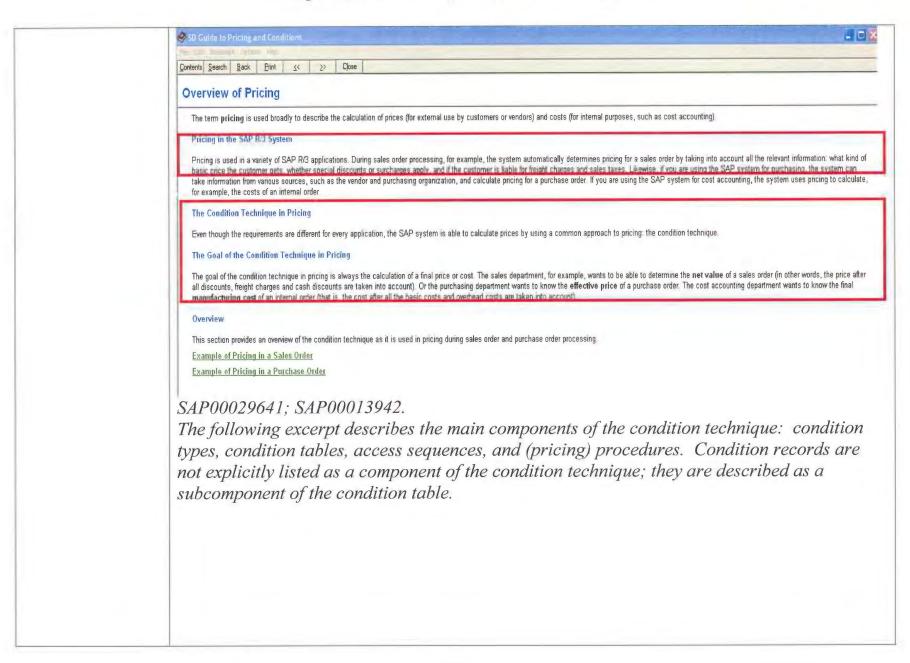
The R3 documentation describes these concepts in detail. The R3 documentation describes how to use these five elements of the condition technique to store pricing information that is associated with pricing types, the organization groups, and the product groups. The pricing information is held in condition records which are stored in condition tables. The pricing information is associated with pricing types (which are condition types in the R3 documentation) using pricing procedures and access sequences. The pricing information is associated with organizational groups and product groups using access sequences and condition tables.

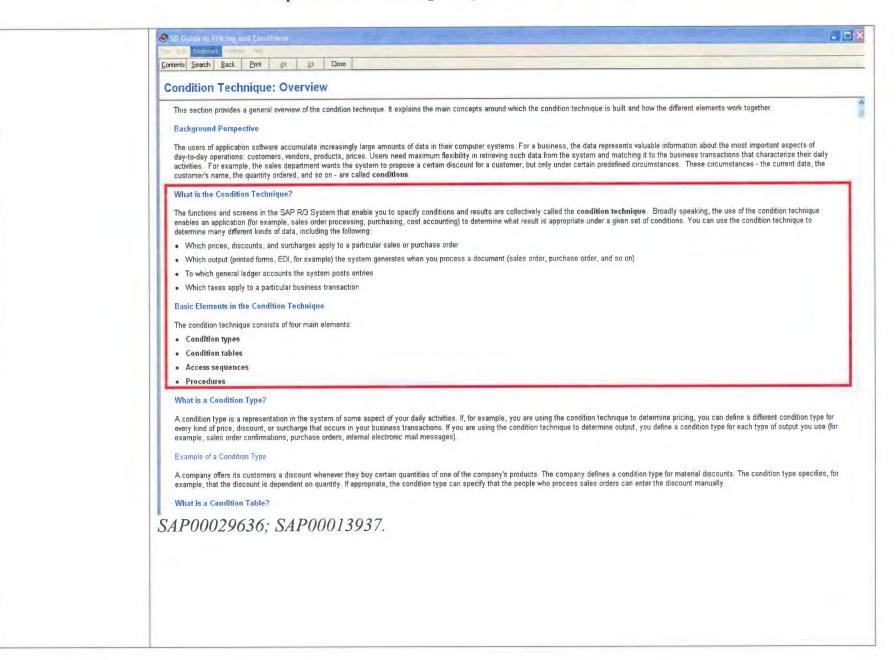
The Condition Technique

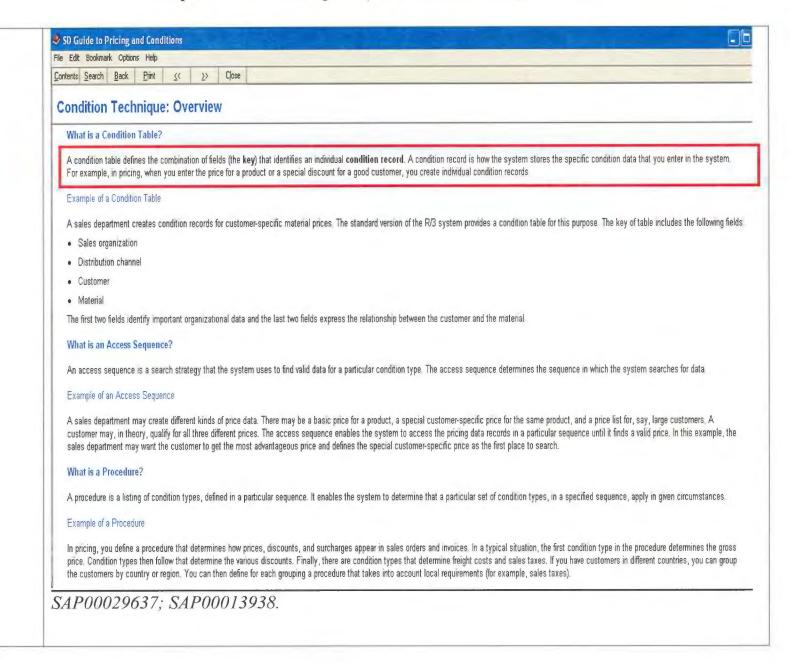
The following excerpts provide an overview of the condition technique and its use in pricing.

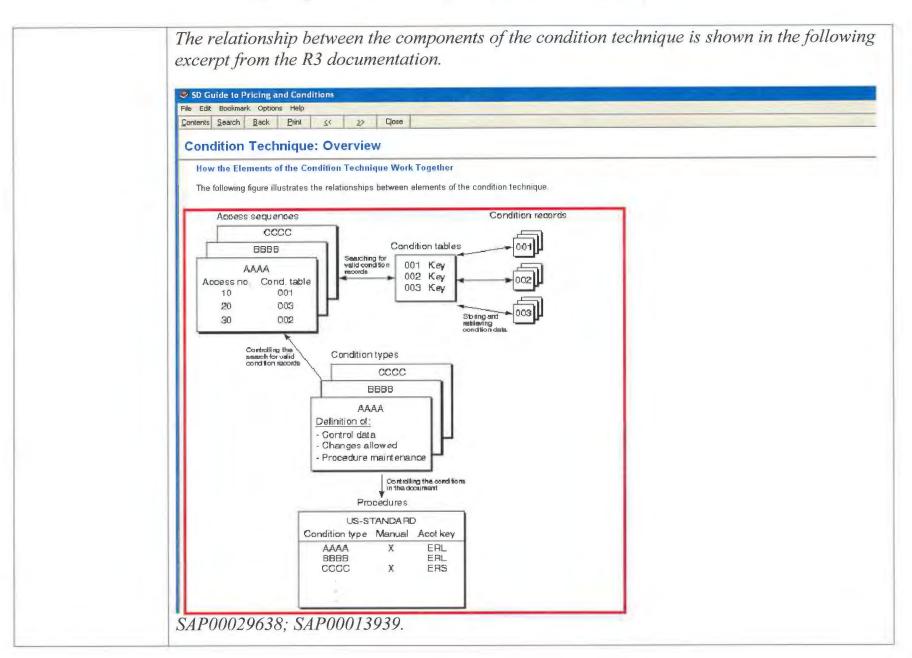










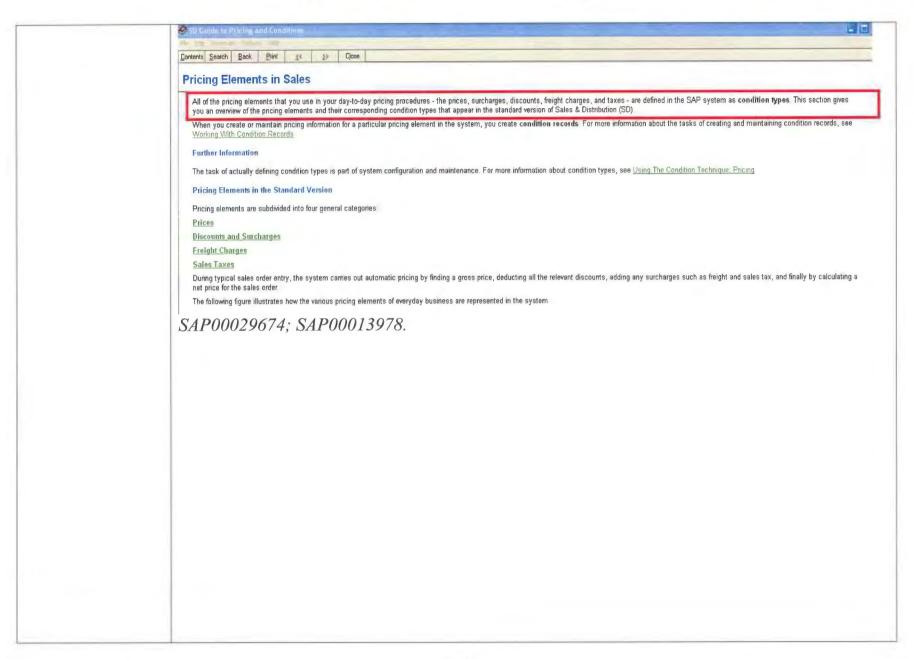


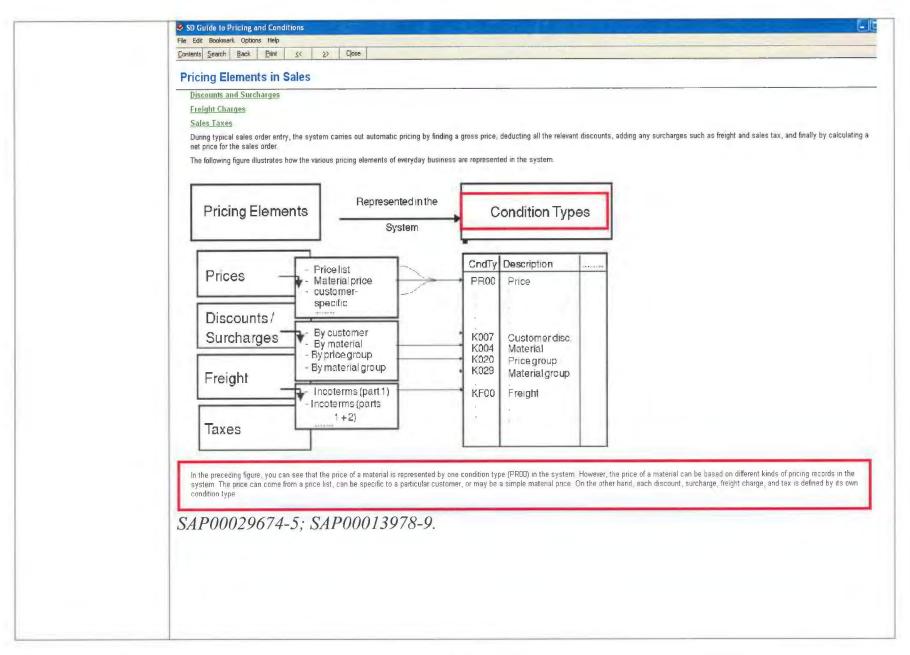
The above figure shows the interaction among the components of a condition technique. When configuring a condition technique, the user first specifies that a particular pricing procedure is to be used to compute a price. The pricing procedure indicates the high-level components that are to be taken into consideration when determining a price, and this is accomplished through the condition types. The procedure identified in the above figure is labeled "US-Standard" and refers to standard pricing for a customer in the United States. The procedure identifies a sequence of condition types. In the figure, these are identified as AAAA, BBBB, and CCCC, but in more realistic examples from the documentation, these might be gross price, various discounts (such as quantity discounts or preferred customer discounts), freight costs, and taxes. Different procedures would be defined, for example, for customers in different countries that are subject to different taxes.

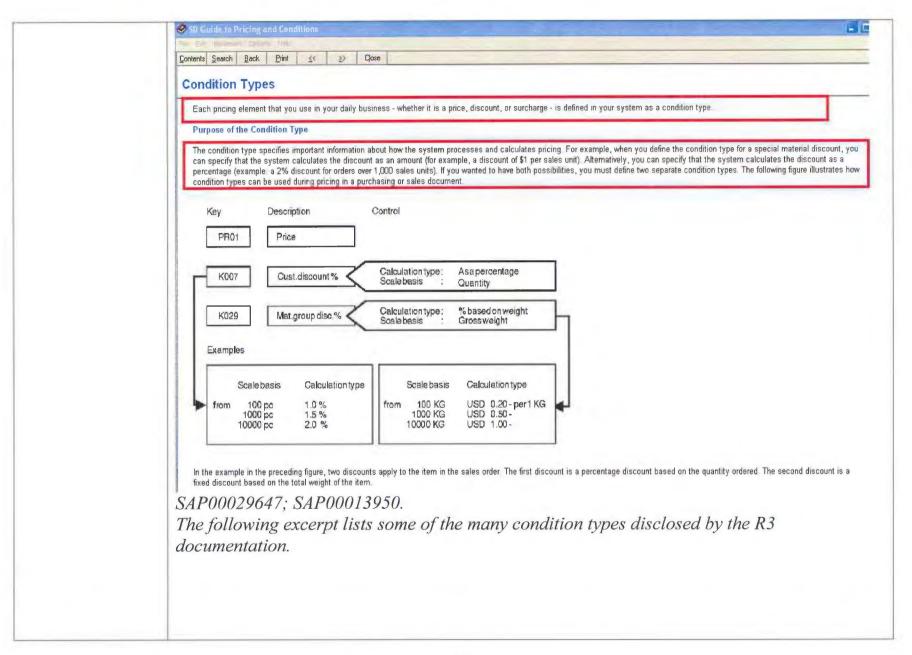
Each condition type identifies an access sequence that specifies the order in which the system should search condition tables to find pricing rules (called condition records in the R3 documentation). An example of a pricing rule (condition record) would be to add a 5% sales tax. There may be pricing rules that depend on the specific product, on the specific customer, on some more general classification of products, on some more general classification of customers, or on a combination of product hierarchy and customer hierarchy.

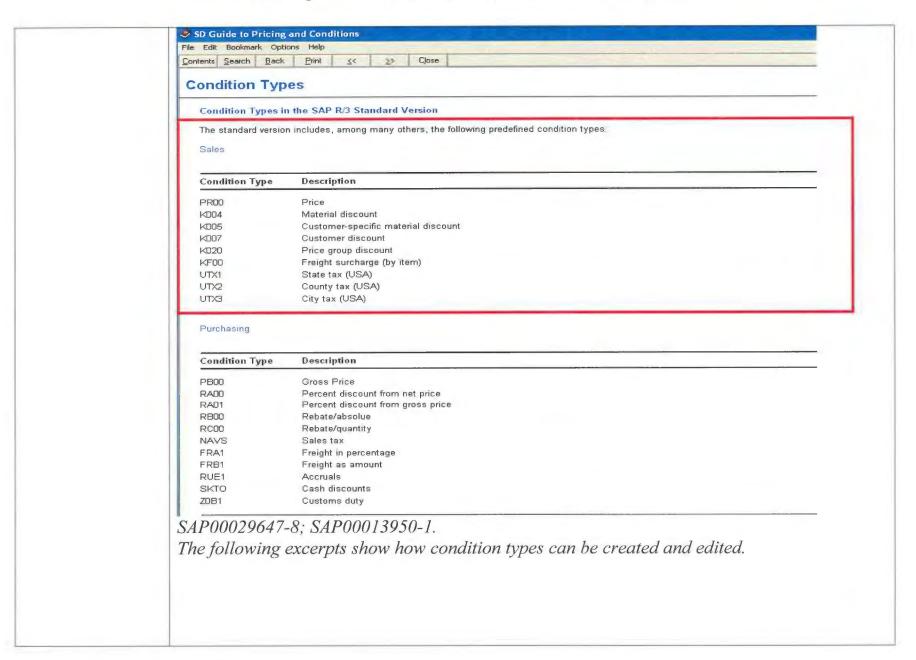
Condition types

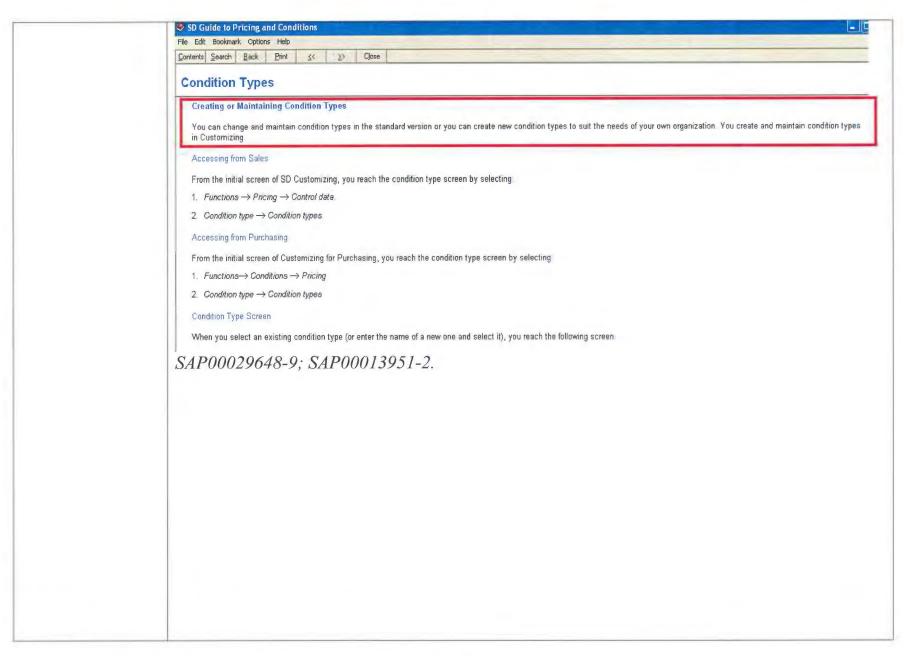
The following excerpts from the R3 documentation provide an overview of condition types. They disclose that all of the pricing elements that are used in a sales company's pricing procedures, including prices, surcharges, discounts, freight charges, and taxes, are defined as condition types.

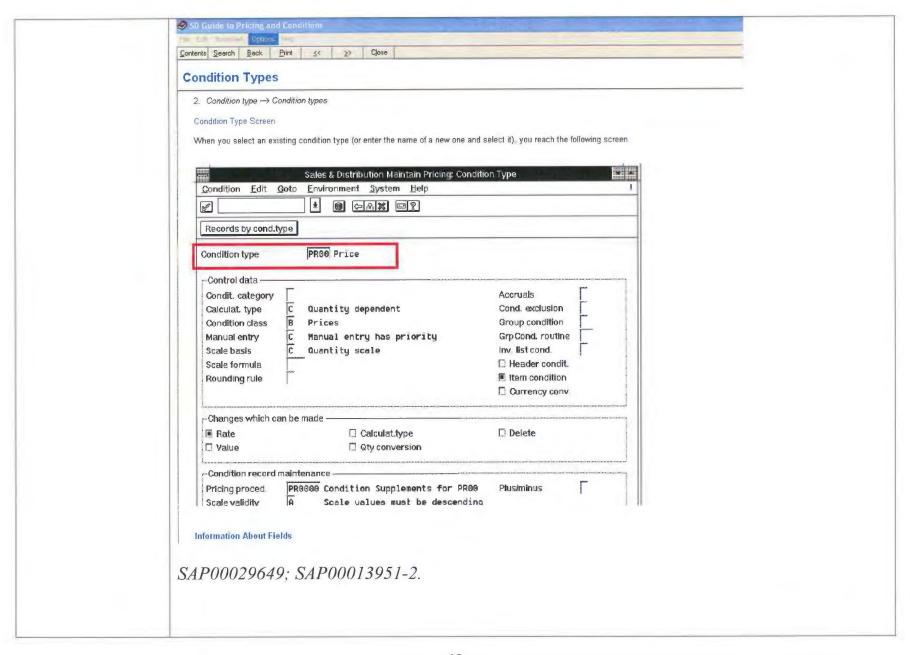


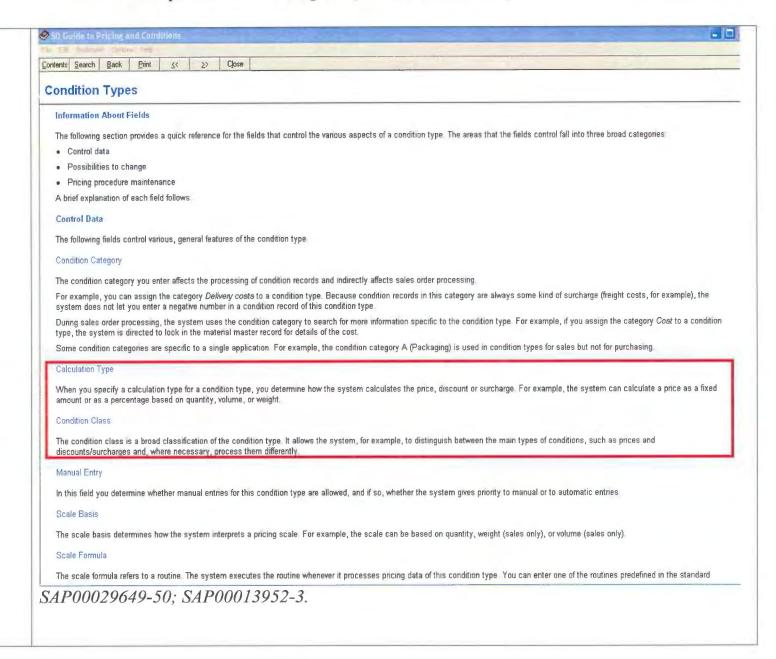


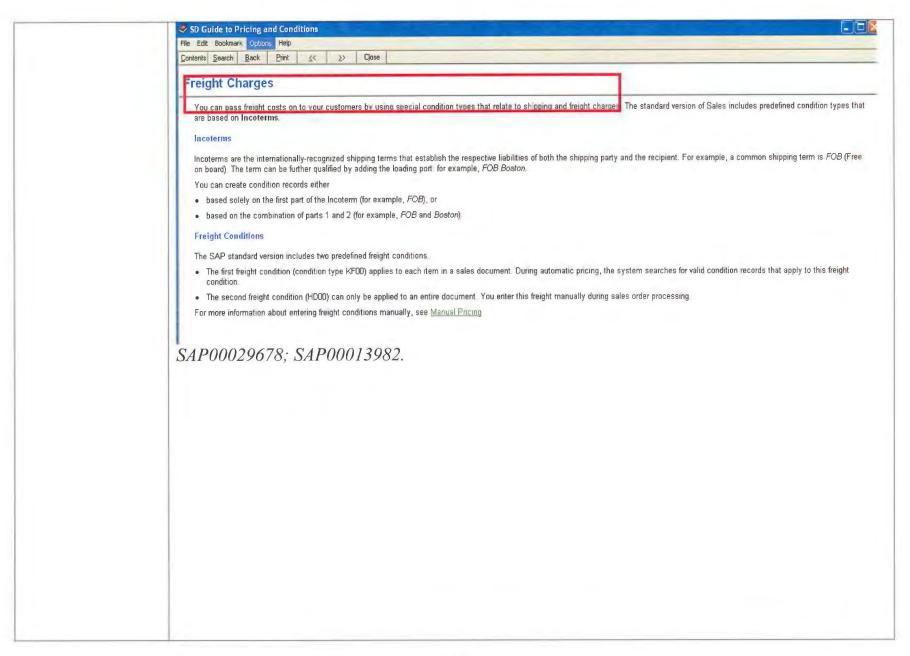


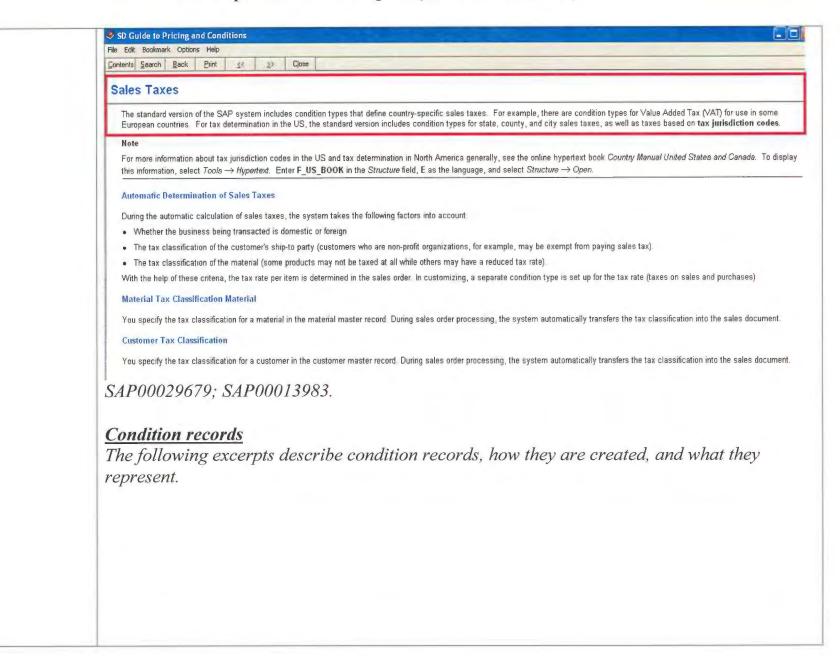


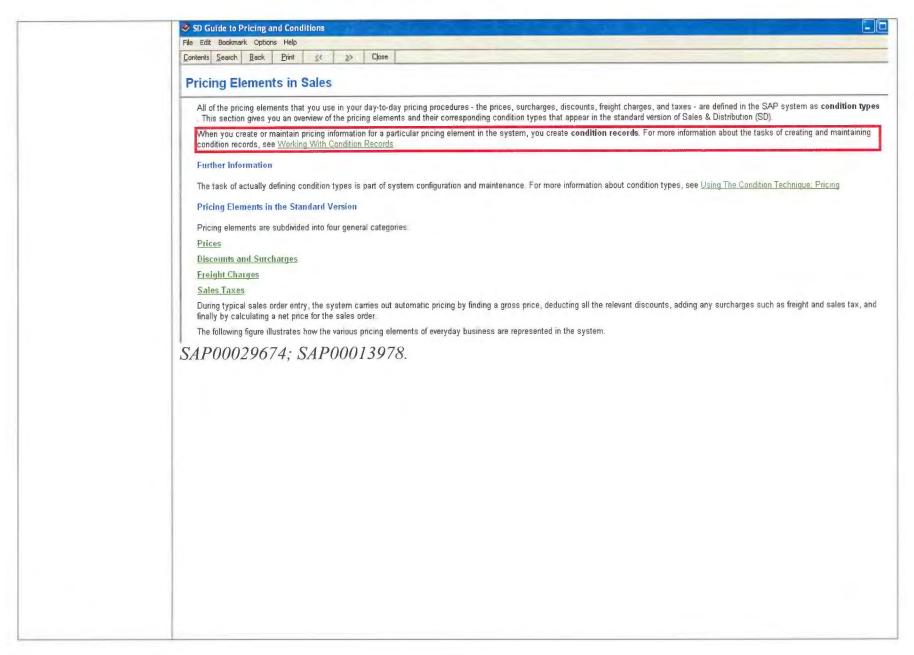


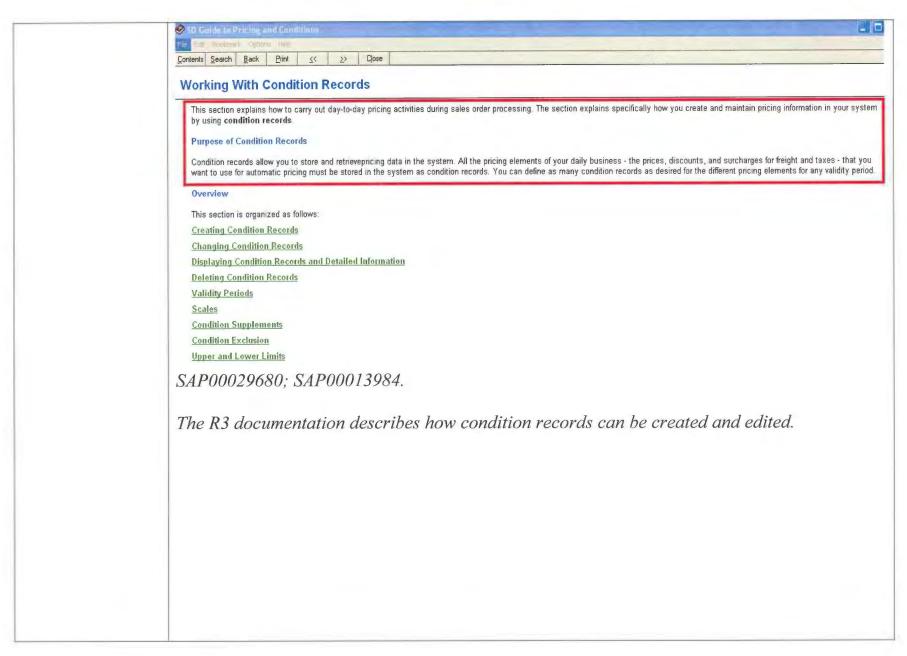


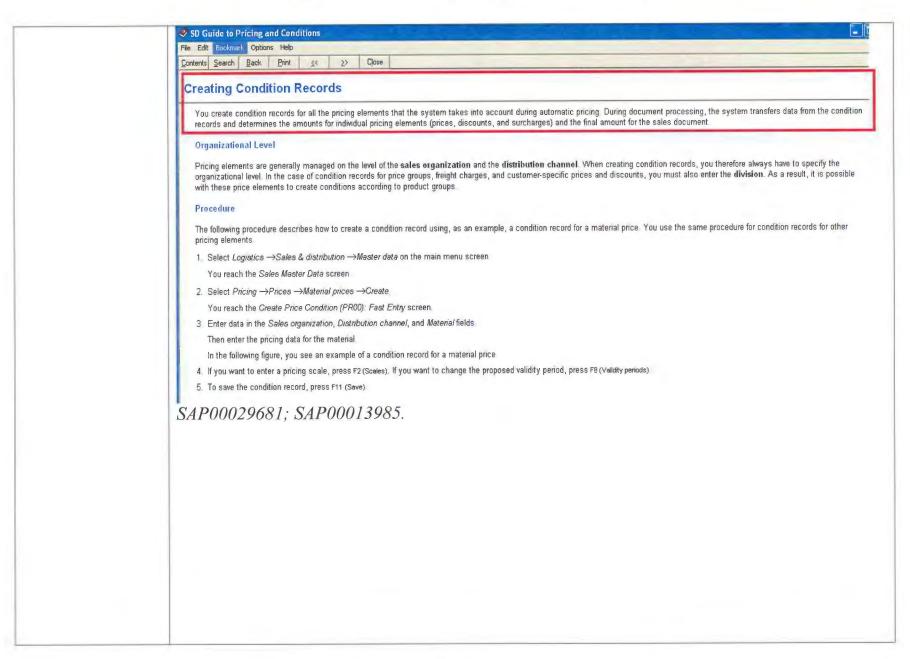


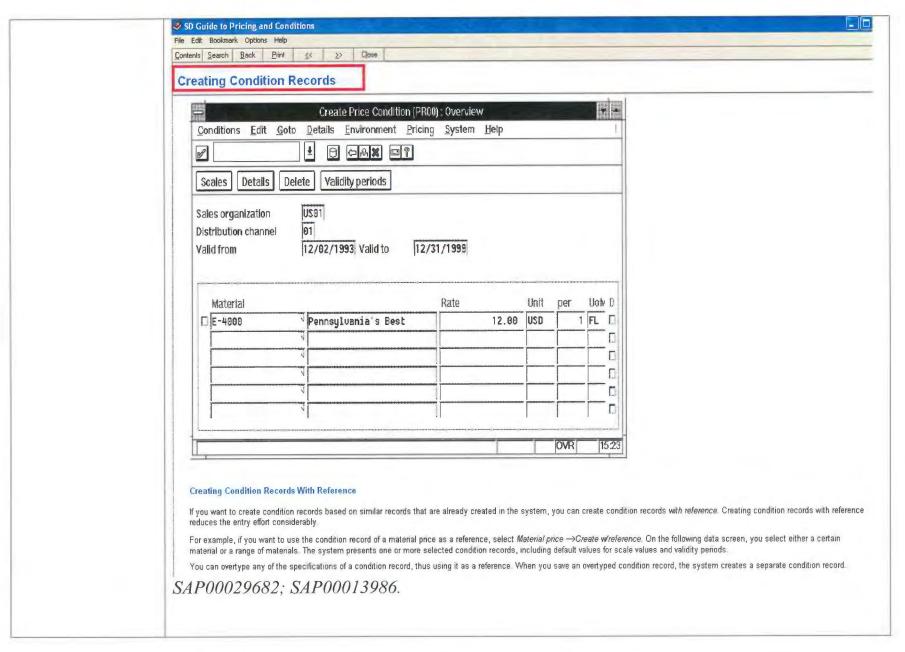


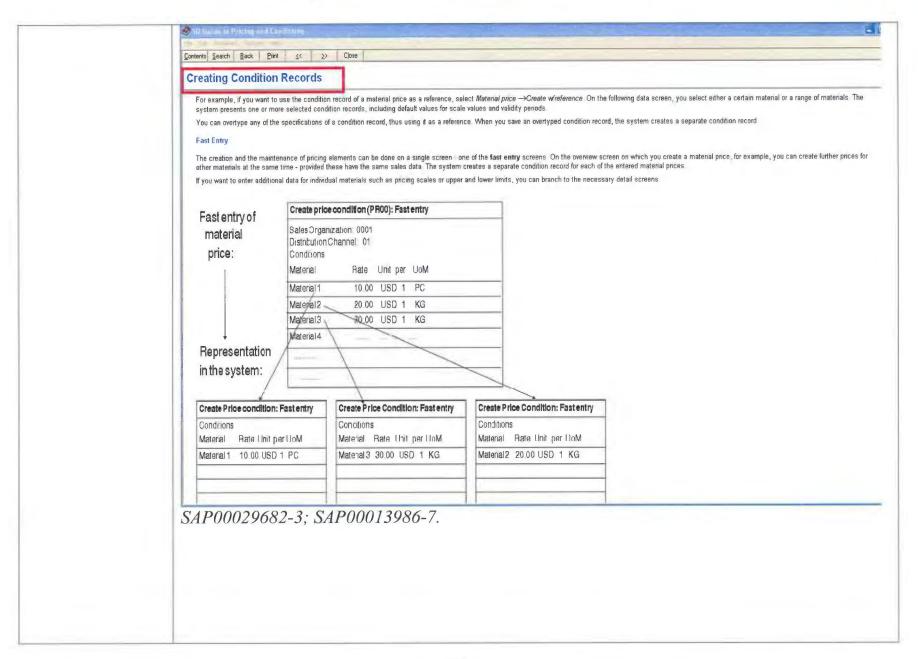


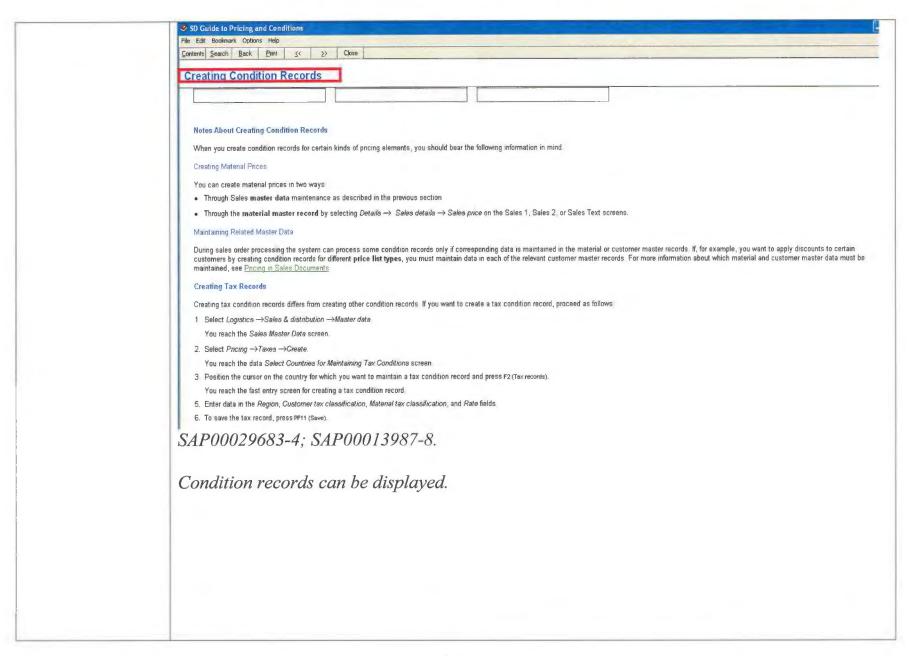


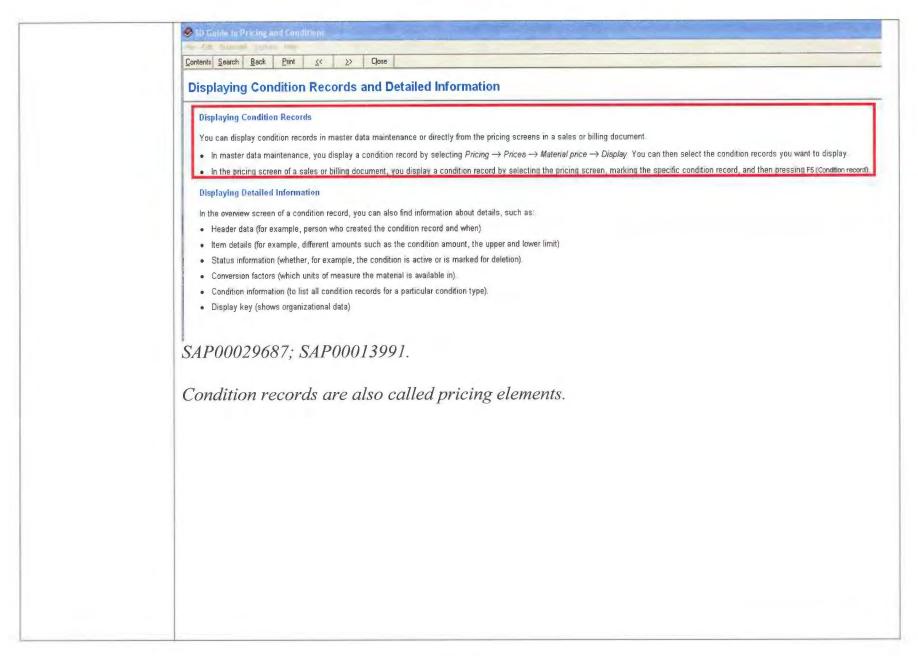


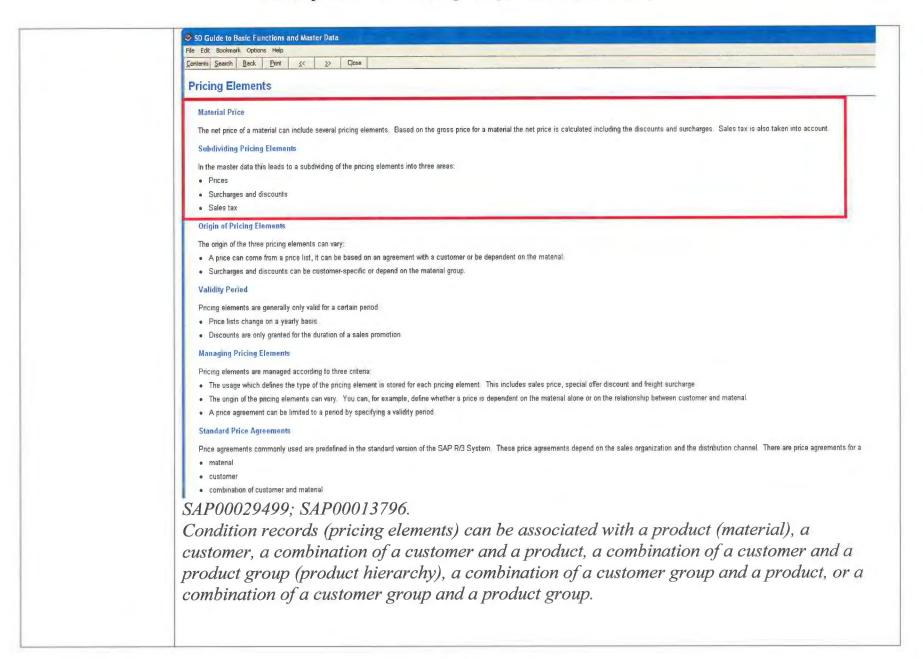


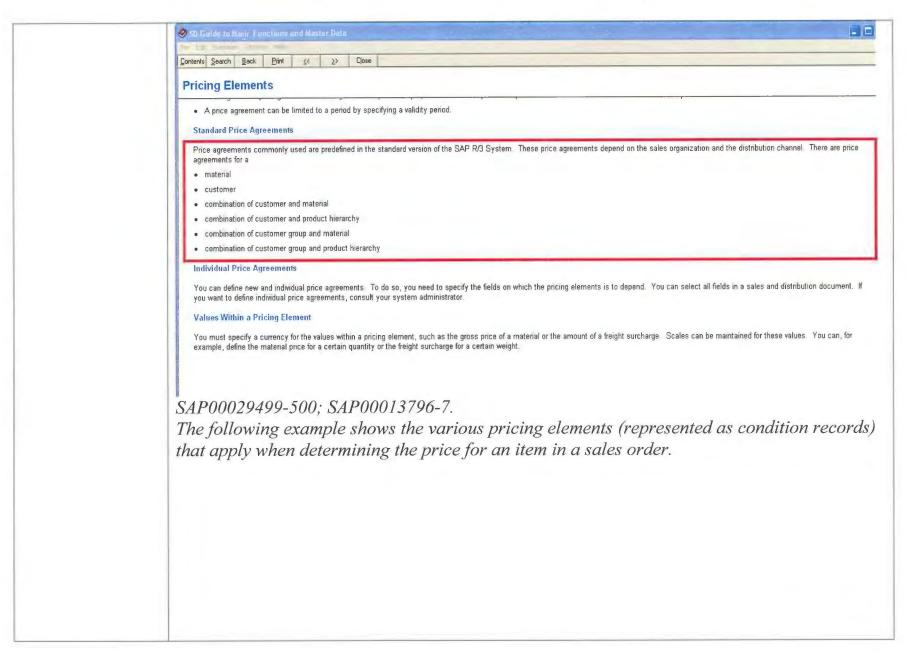


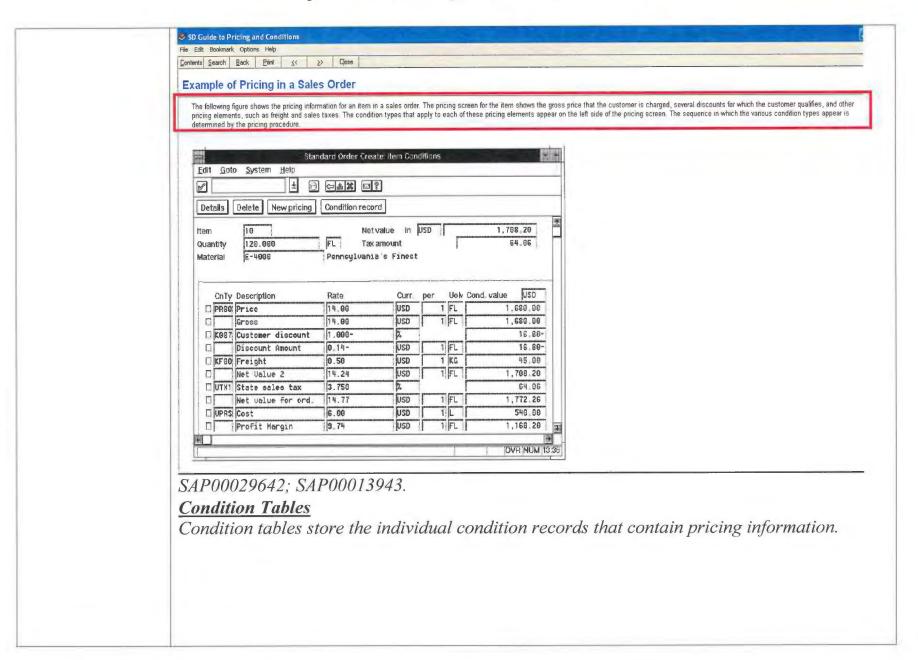


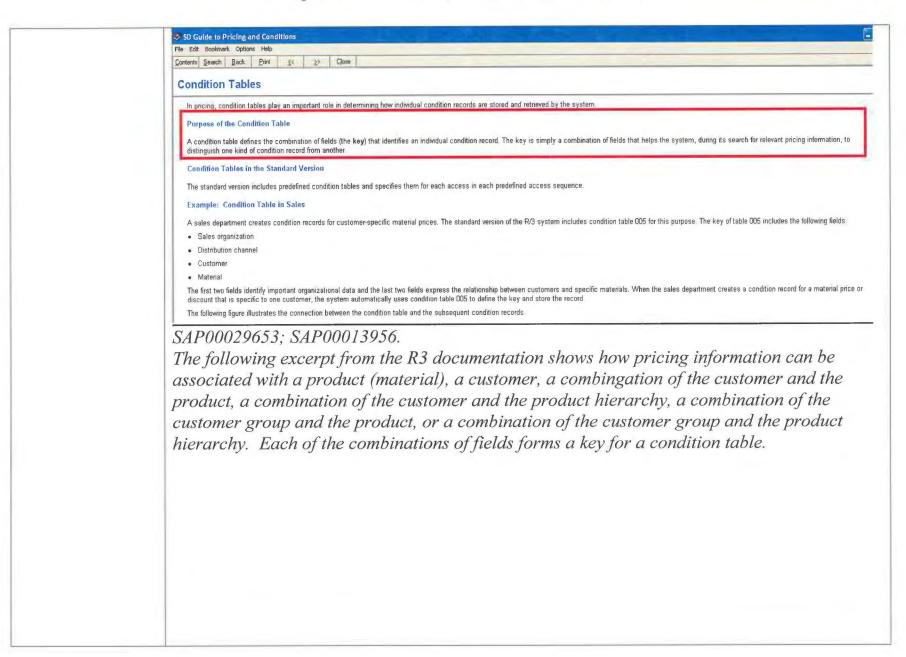


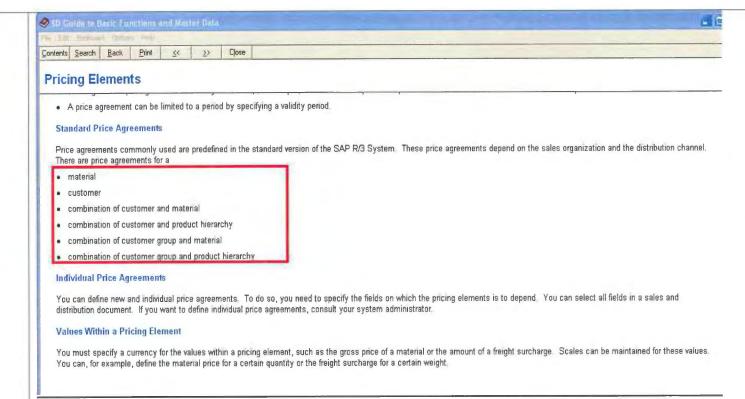






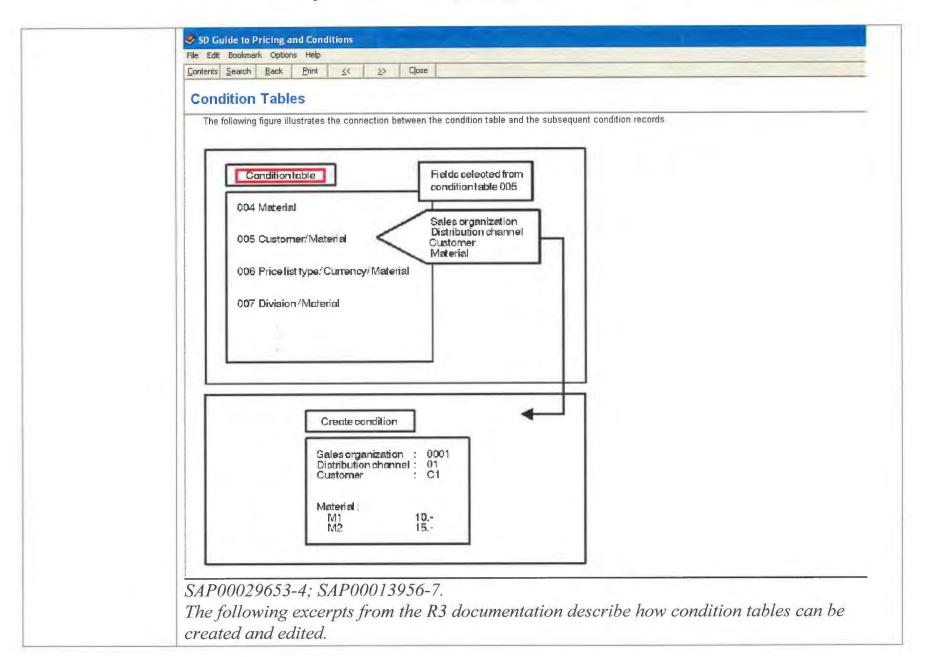


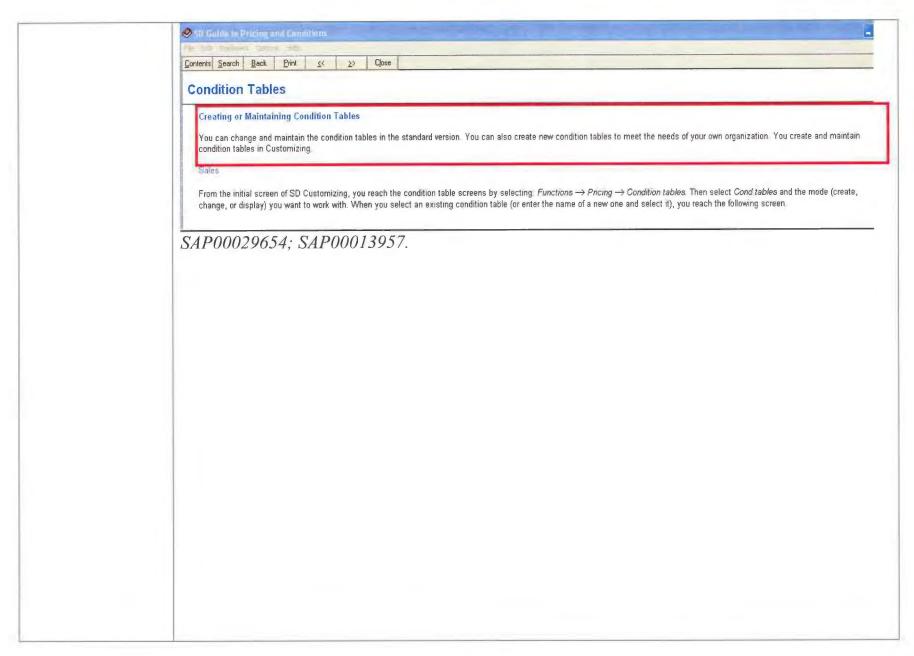


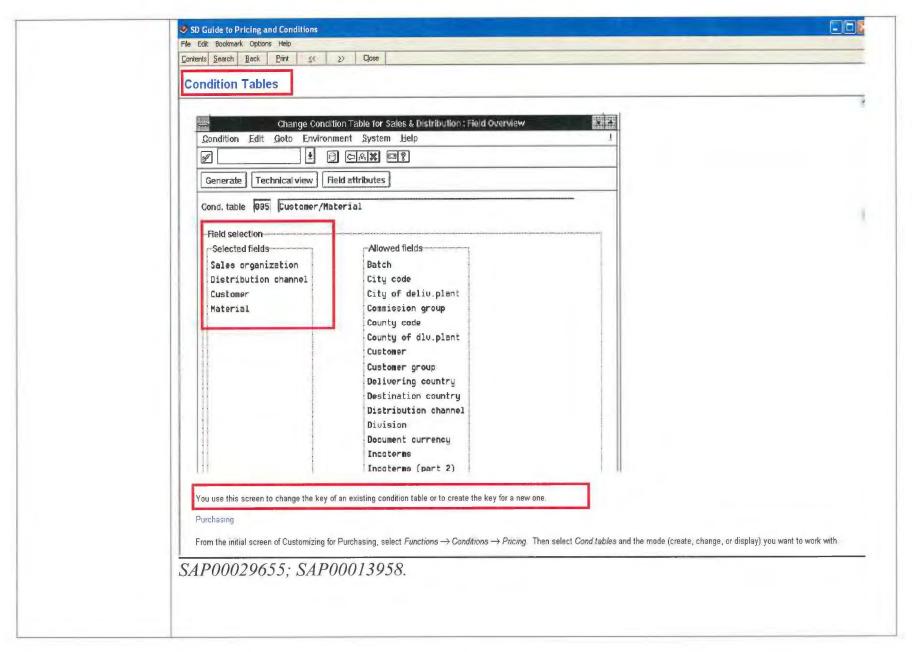


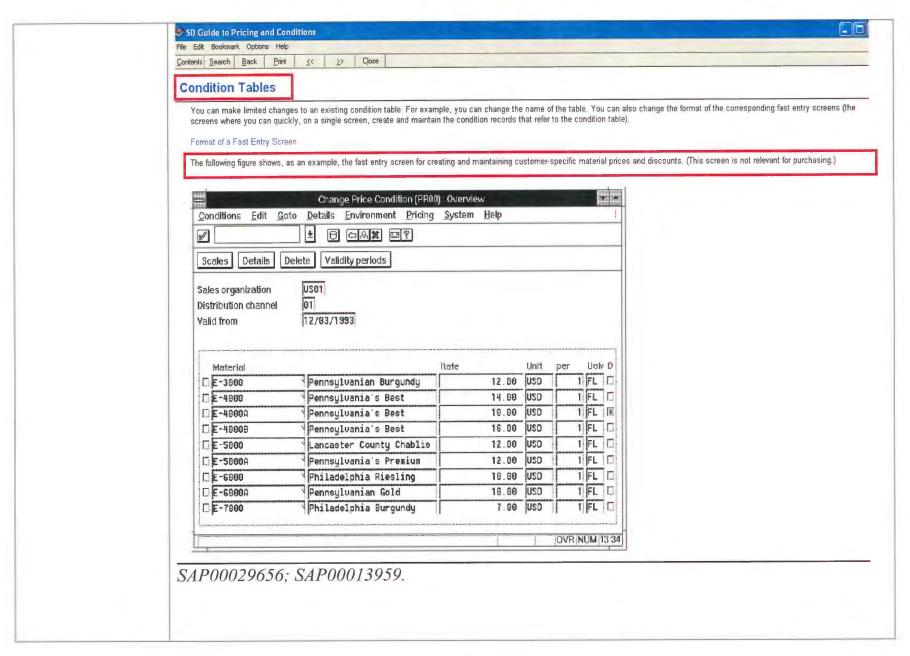
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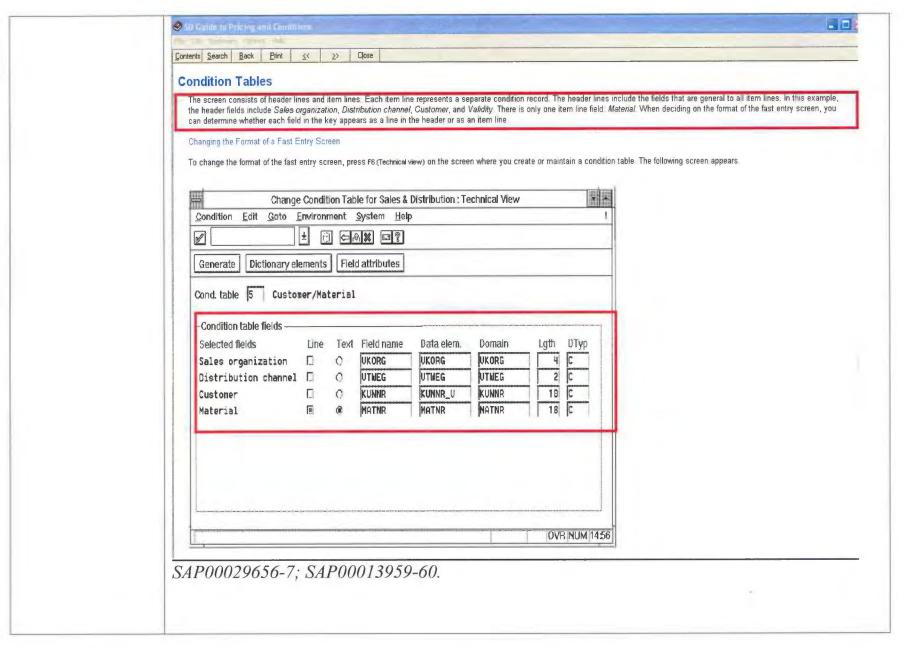
The following example shows a number of condition tables. The standard condition tables in the R3 documentation associate prices with a sales organization and a distribution channel along with information associated with the customer and the product, thus these two elements are always included in the key for every condition table. Table 005 stores condition records associated with a particular custer and a material (in addition to the always present sales organization and distribution channel). Table 004 stores condition records that are not associated with a particular customer; the key for this condition table is just the material. Table 007 stores condition records that are associated with a division (a group of customers) and a material.

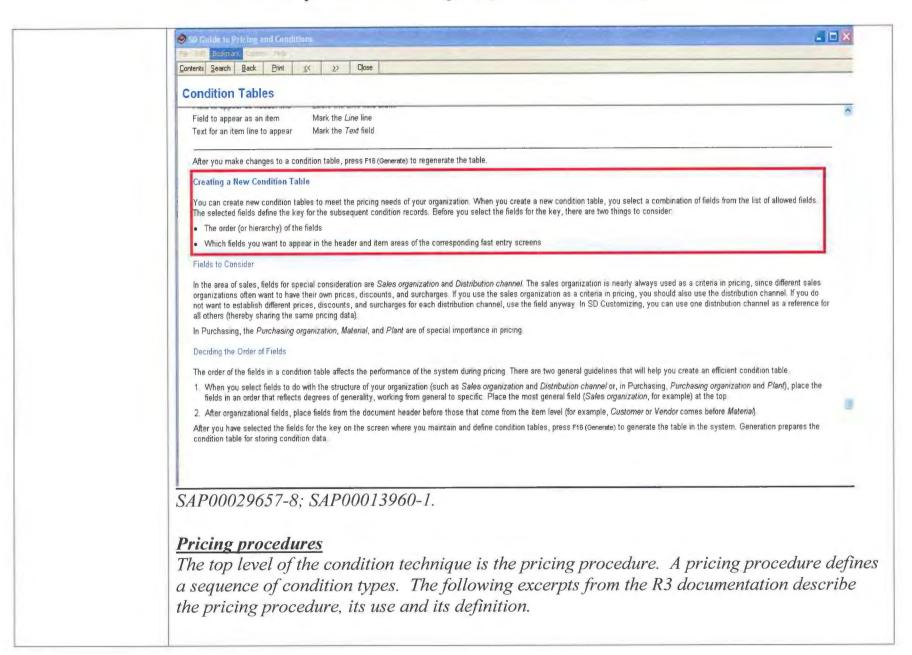


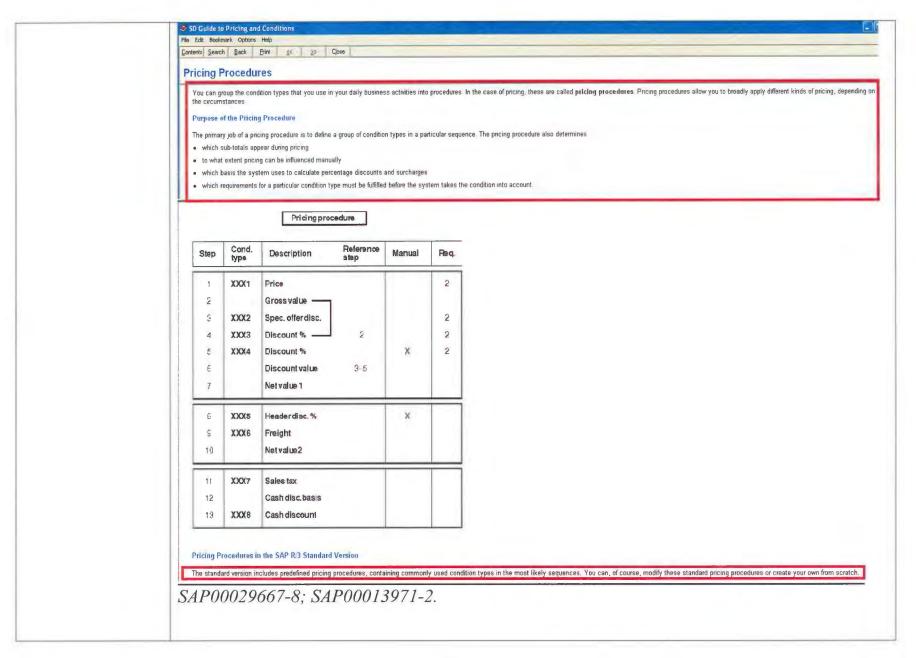


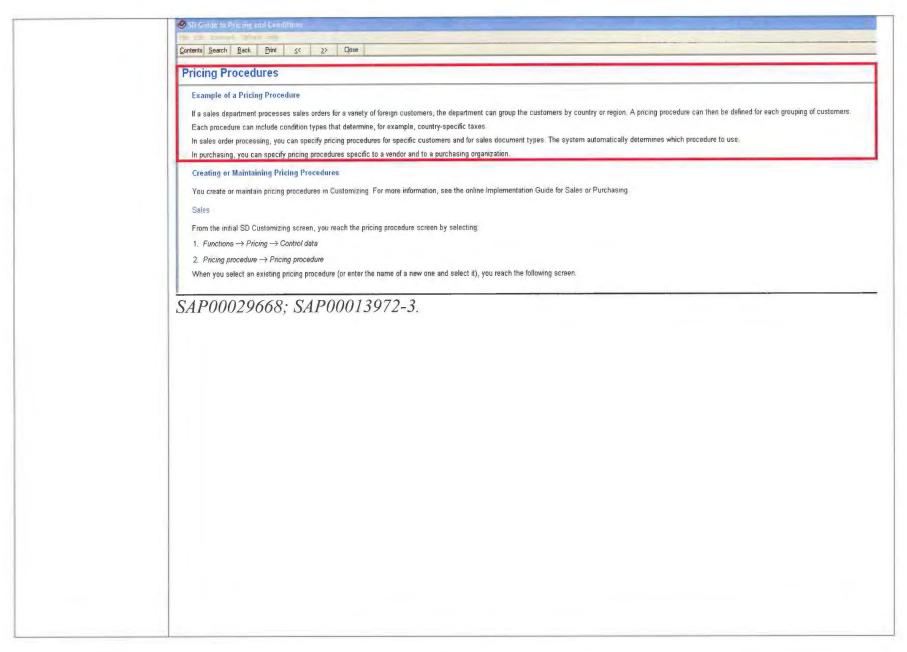


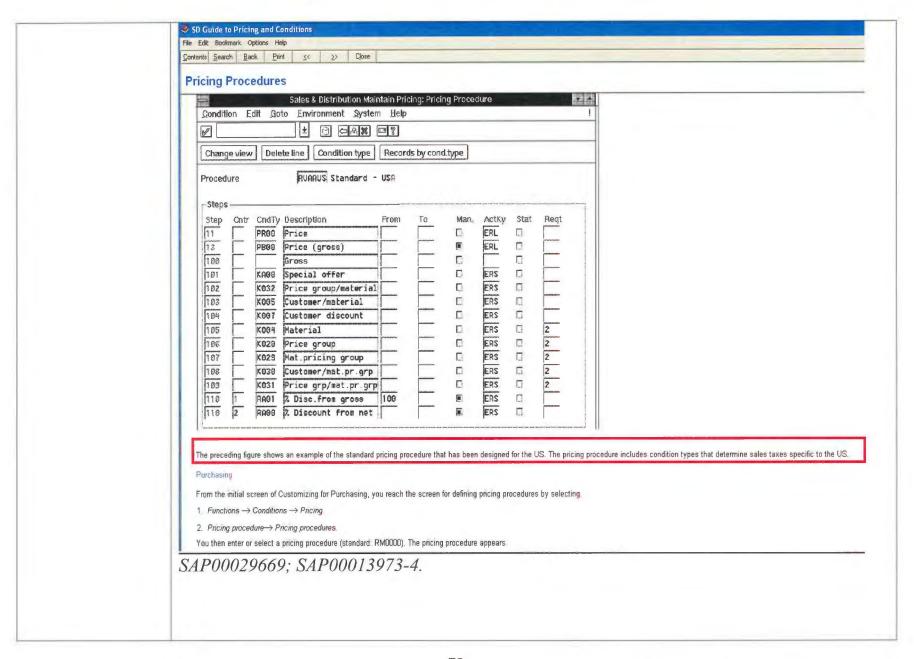


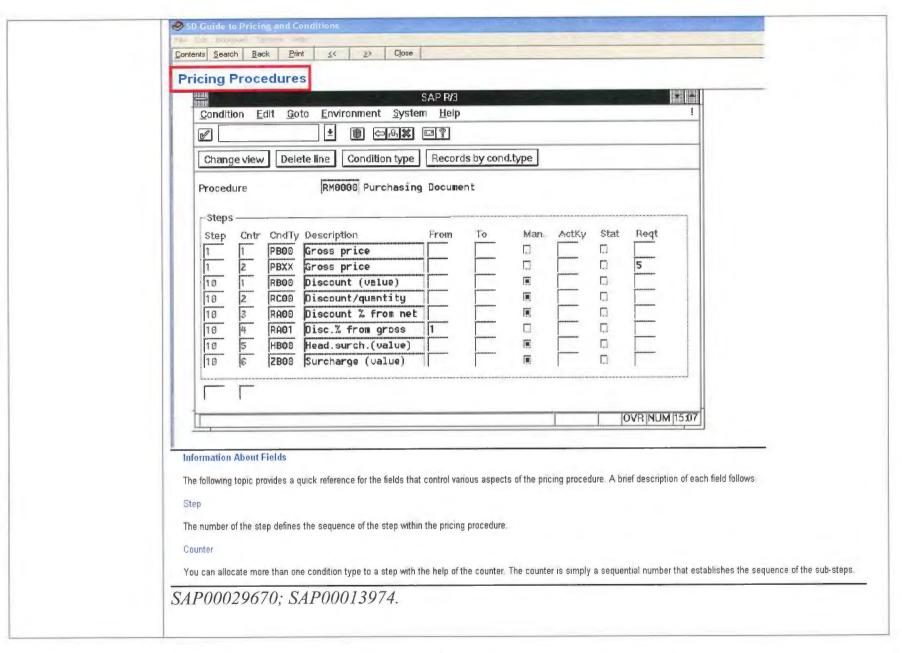


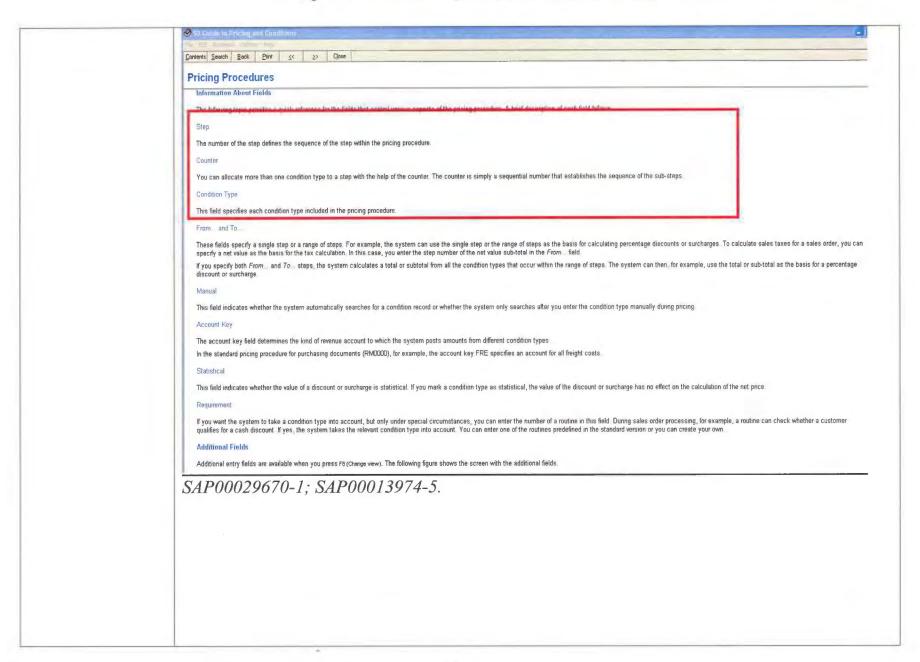


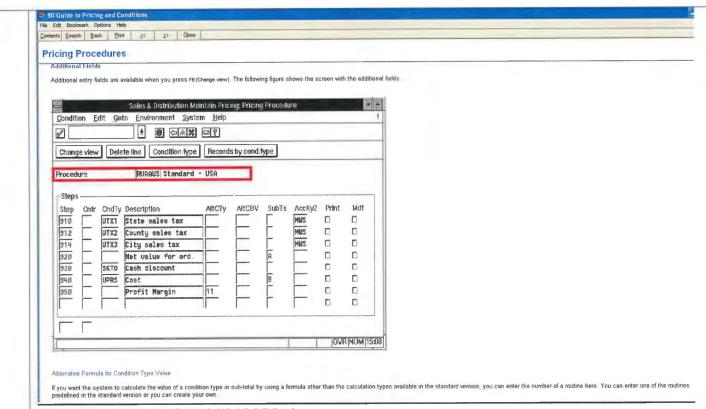










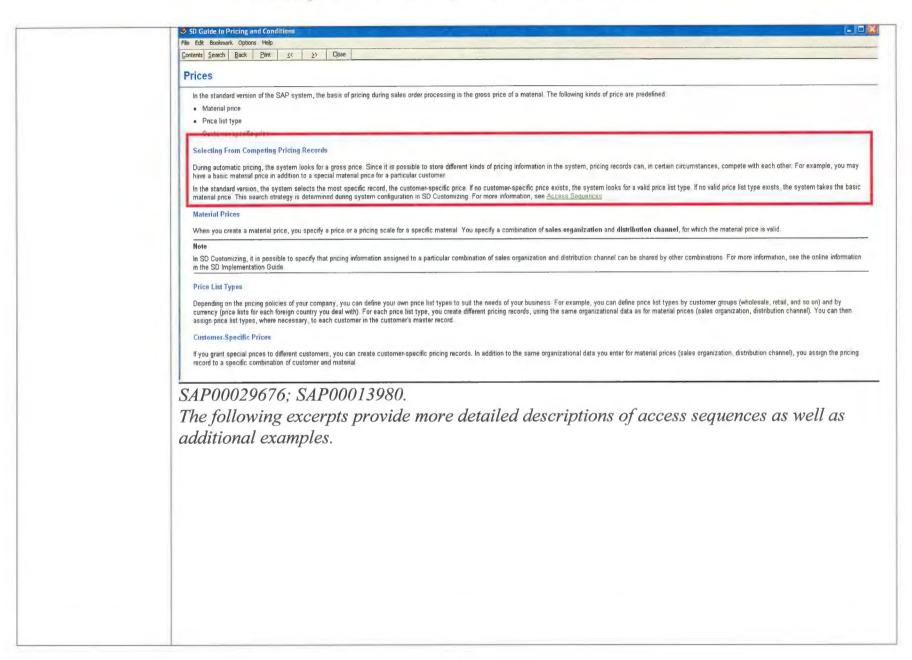


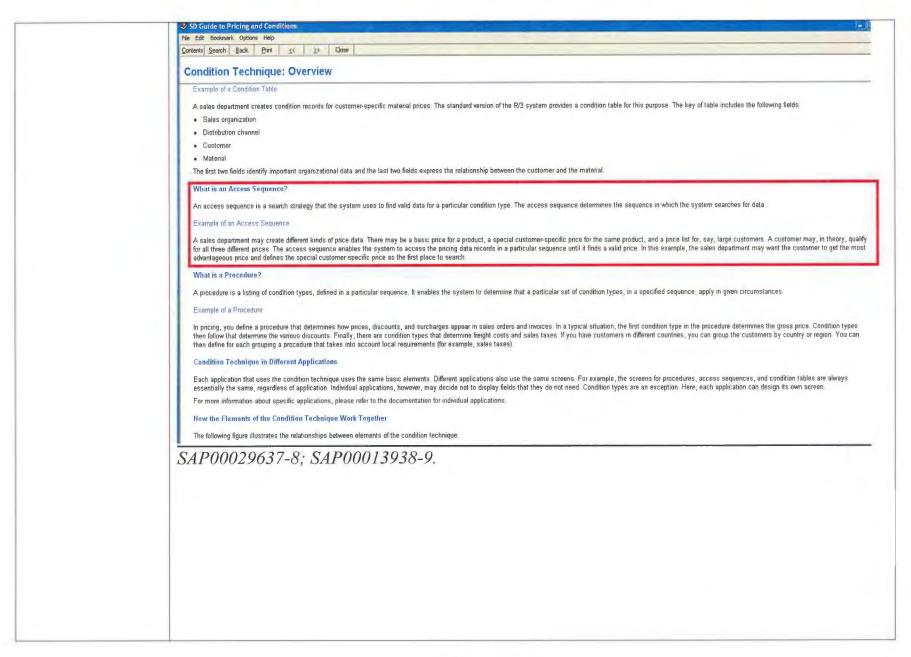
SAP00029671-2; SAP00013975-6.

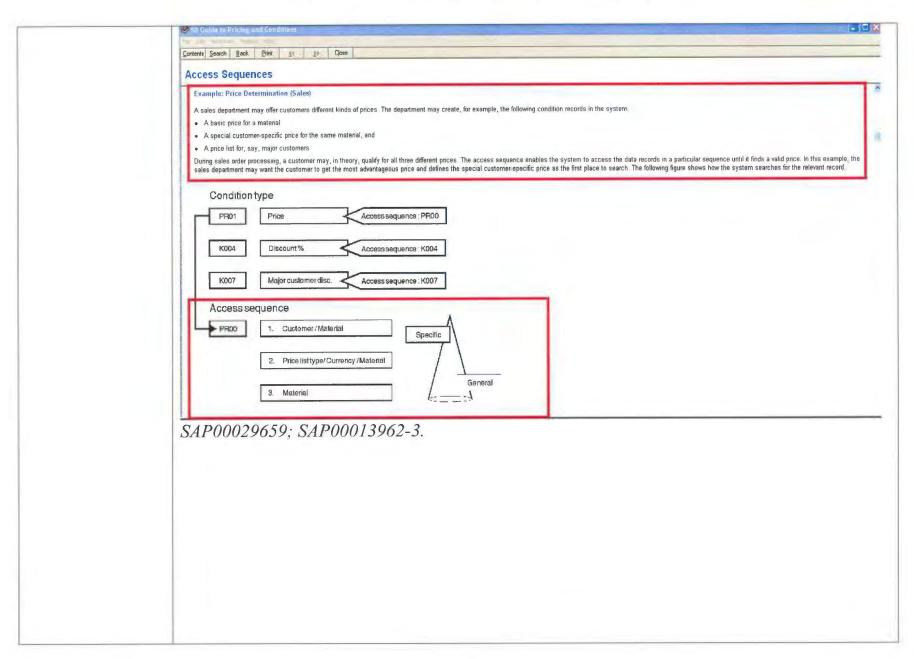
Access sequences

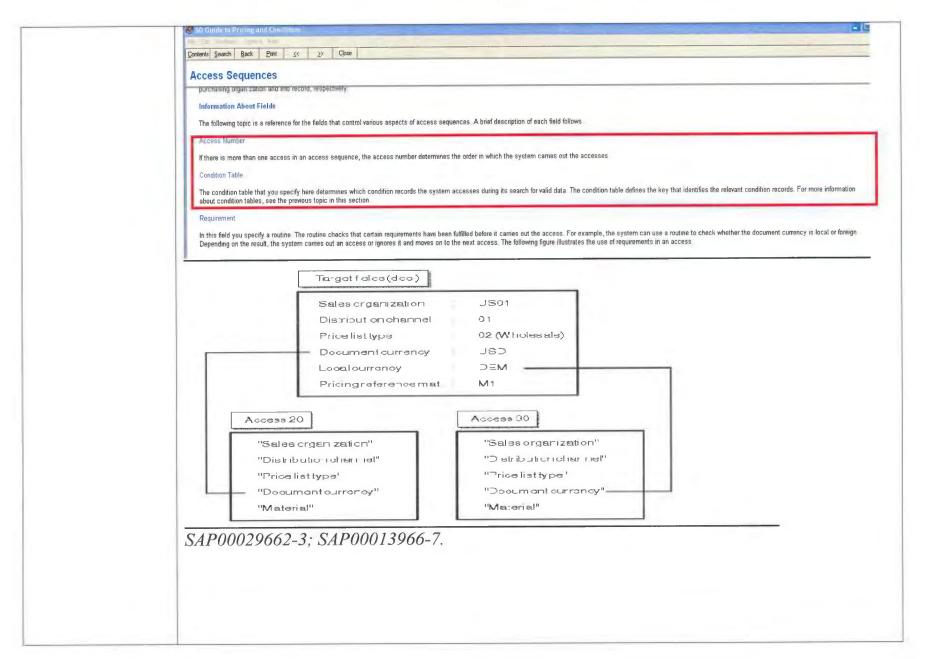
The access sequence is used for sorting pricing information. The access sequence is described in the following excerpts from the R3 documentation.

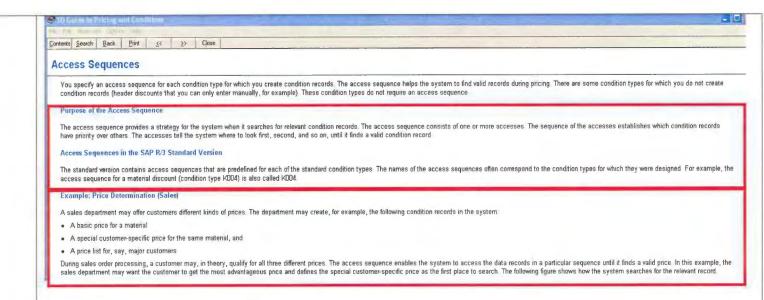
In the following excerpt, a sales company has multiple prices for a product (material) that apply to a particular customer: a basic product price and a special product price for that particular customer. The excerpt discloses using an access sequence to select the most specific record: first searching for a customer-specific price, then a price list type (a price list is a group of customers), and finally the basic price.





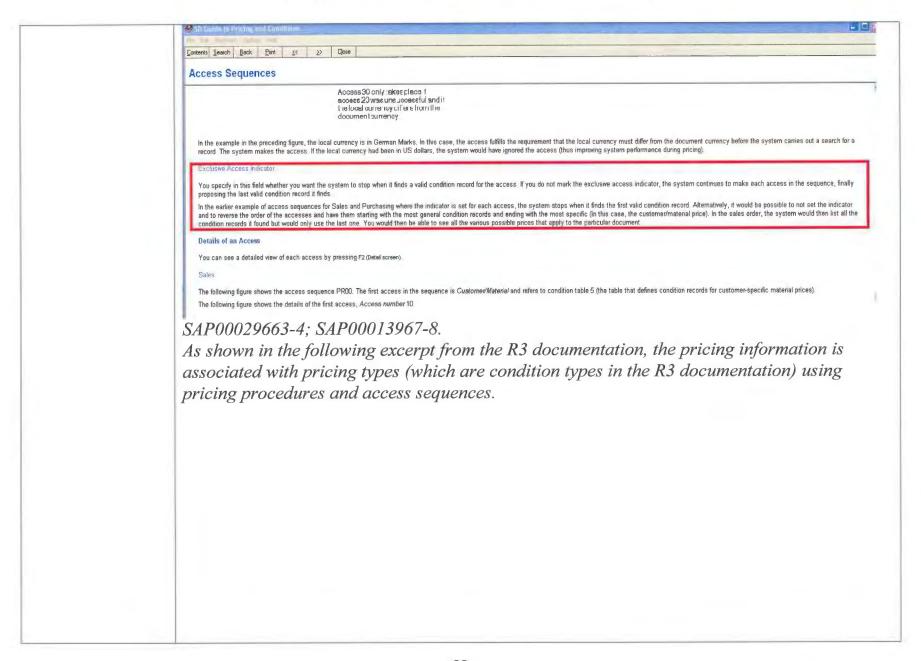


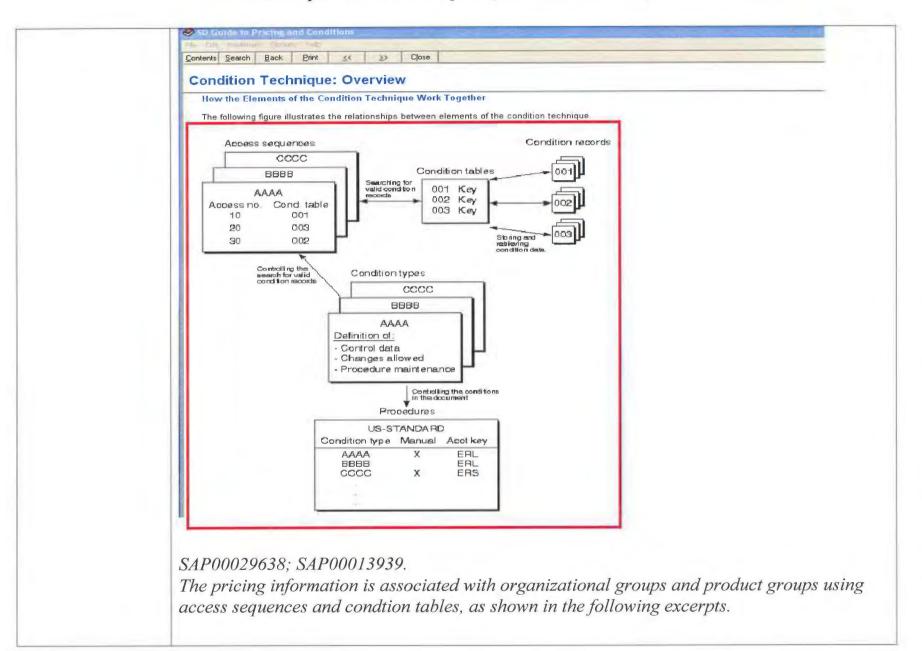


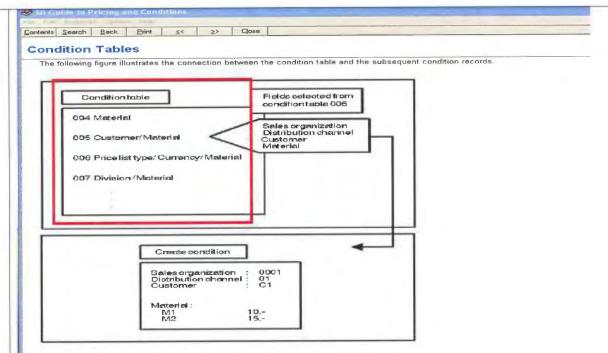


SAP00029659; SAP00013962.

The access sequences operate in two modes, controlled by an "exclusive access indicator" in each access sequence. When the exclusive access indicator is not set each condition record identified by the access sequence is retrieved (from its condition table) in the order specified, and the last one retrieved is used in the calculation of the price. In this case, the condition records are ordered from most general to most specific, and it is the most specific one that is utilized to calculate a price. When the exclusive access indicator is set (in "exclusive" mode), the first record identified by the access sequence is retrieved from its condition table and then used in the calculation of the price. In this case, the condition records are ordered from most specific to most general.



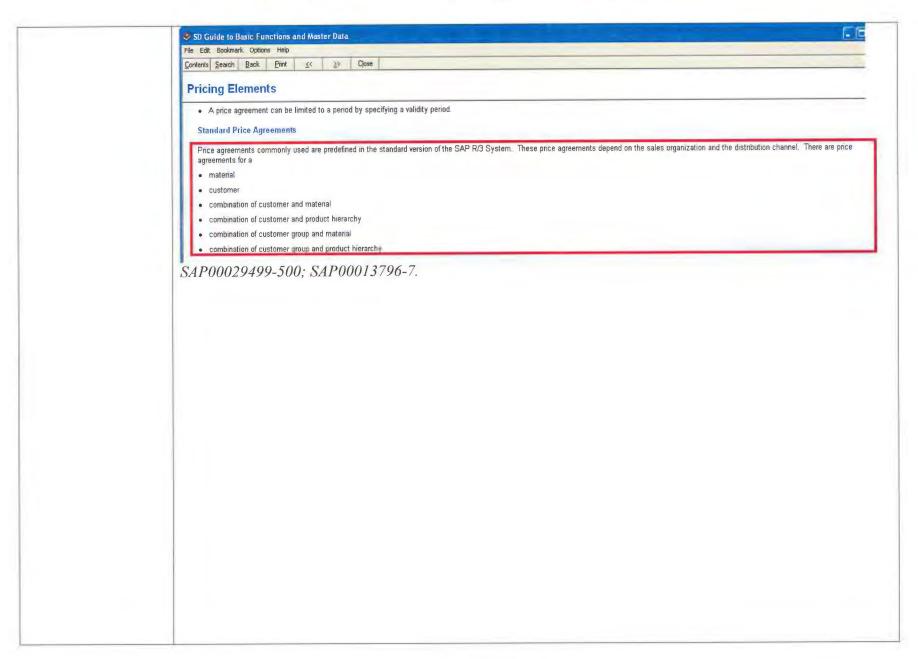




SAP00029653-4: SAP00013956-7.

The above example from the R3 documentation shows a number of condition tables that demonstrate that pricing information is associated with organizational groups. The standard condition tables in the R3 documentation associate prices with a sales organization and a distribution channel along with information associated with the customer and the product, thus these two elements are always included in the key for every condition table. Table 005 stores condition records associated with a particular customer and a material (in addition to the always-present sales organization and distribution channel). Table 004 stores condition records that are not associated with a particular customer; the key for this condition table is just the material. Table 007 stores condition records that are associated with a division (a grouping of customers or "organizational group") and a material.

The following excerpt from the R3 documentation describes how pricing information (condition records or price agreements in R3) can be associated with any combination of material, material hierarchy ("product group"), customer, and customer hierarchy ("customer group").



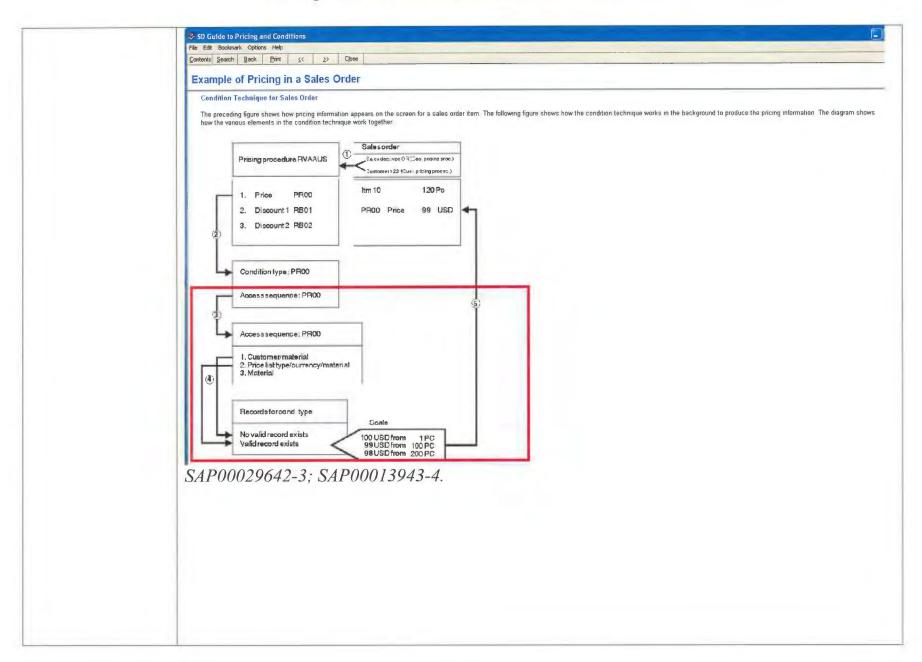
retrieving applicable pricing information corresponding to the product, the purchasing organization, each product group above the product group in each branch of the hierarchy of product groups in which the product is a member, and each organizational group above the purchasing organization in each branch of the hierarchy of organizational groups in which the purchasing organization is a member;

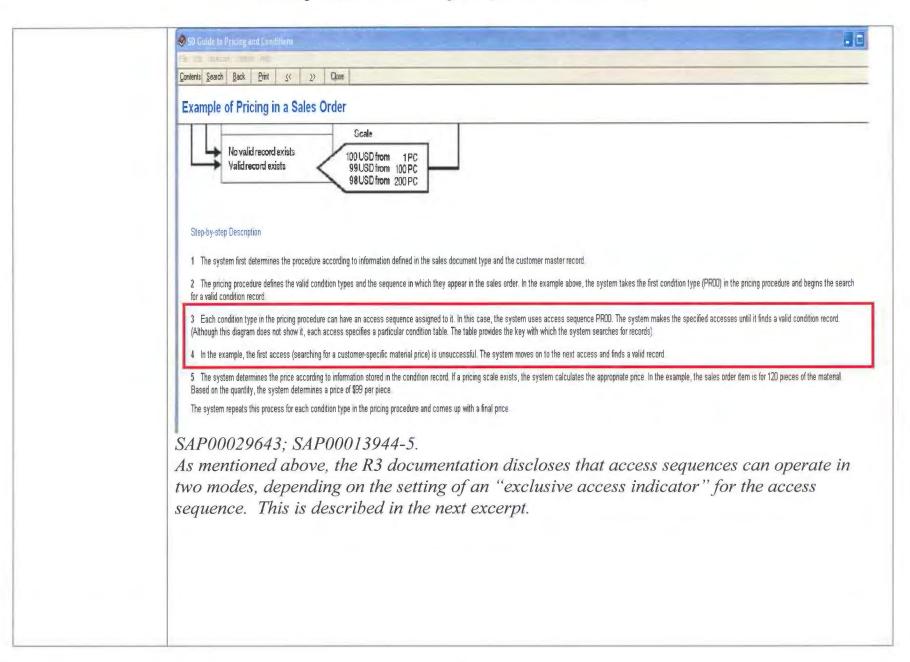
The R3 documentation describes methods for retrieving applicable pricing information corresponding to the product, the purchasing organization, each product group above the product group in each branch of the hierarchy of product groups in which the product is a member, and each organizational group above the purchasing organization in each branch of the hierarchy of organizational groups in which the purchasing organization is a member.

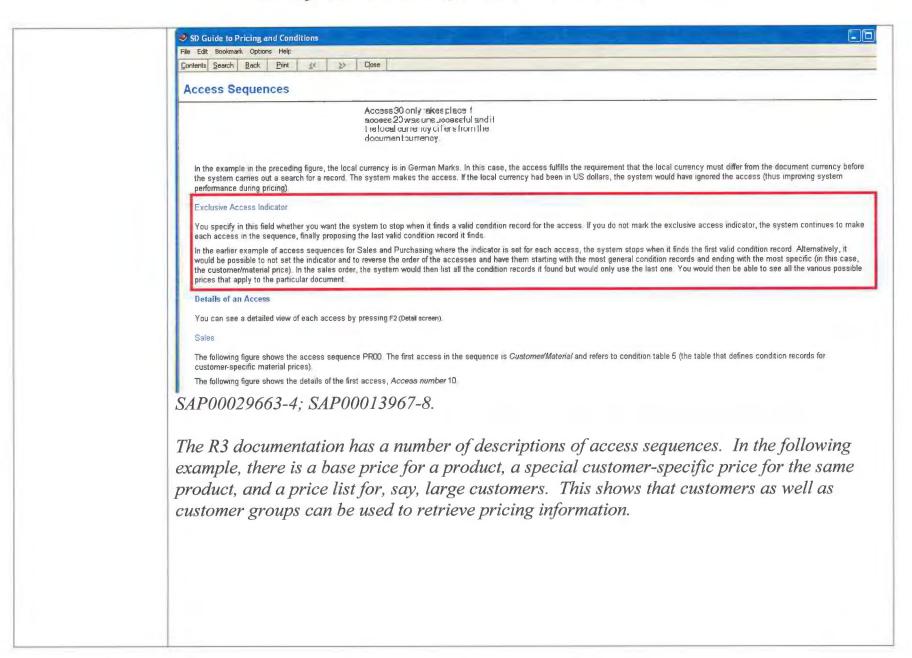
The R3 documentation describes how pricing information is retrieved when pricing a sales order. The description includes the use of the condition technique, including condition records, access sequences and pricing procedures. The documentation describes using a pricing procedure (RVAAUS in the example discussed below) to indicate what condition types should be used to calculate a price for the sales order. The pricing procedure indicates the order in which the system should apply condition types; in the example the condition types are PR00, RB01, and RB02. Associated with each condition type is an access sequence which specifies the order in which condition tables should be searched to find an applicable condition record. For the PR00 condition type, the access sequence is also named PR00. For each condition type, the pricing procedure retrieves pricing information. The pricing procedure then utilizes the retrieved pricing information in calculating a price.

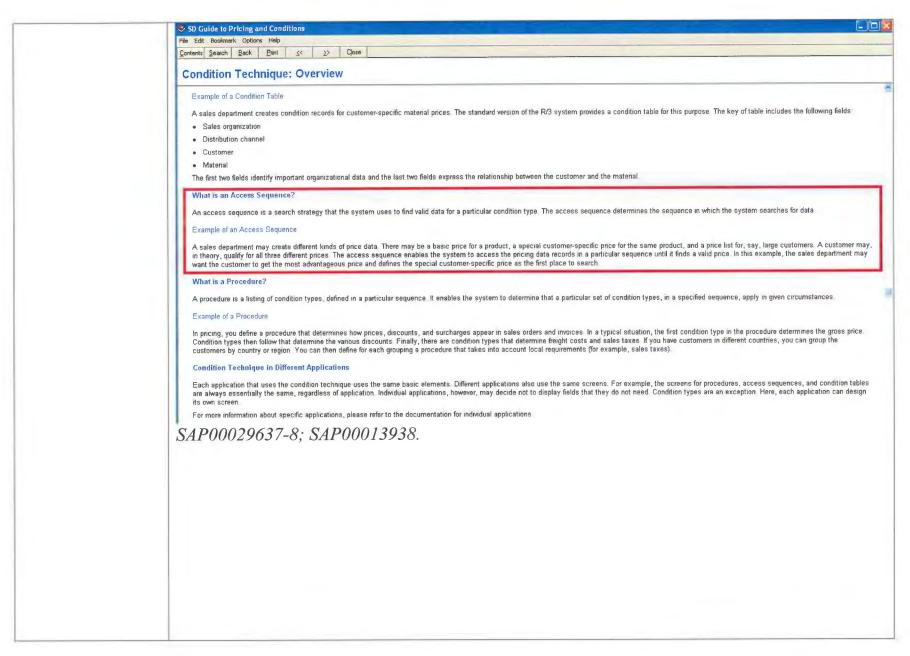
The example pricing procedure (RVAAUS) indicates that the condition types for the sale are "Price" (PR00), "Discount 1" (RB01), and "Discount 2" (RB02), applied in that order. For each condition type, the condition technique retrieves pricing information. The example describes the access sequence for one of the condition types (the access sequence is PR00 for the condition type PR00). Each access sequence indicates the order in which condition records will be retrieved from condition tables. In the example, the access sequence indicates that the system should first retrieve a price from the "Customer/material" condition table, then a price from the "Price list type/currency/material" condition table, and finally a price from the "Material" table. In this example, the access sequence is ordered from the most specific to the most general.

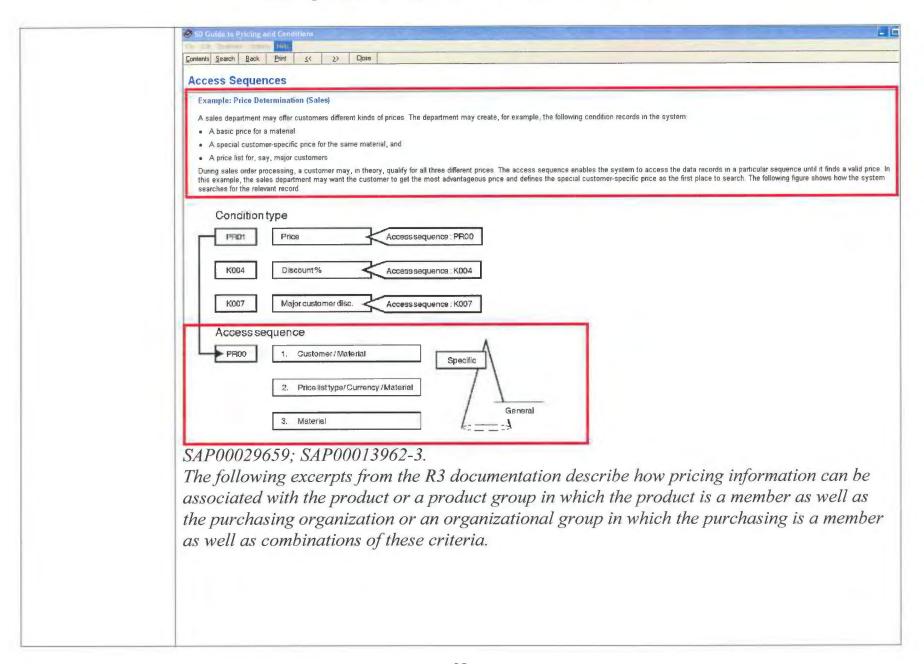
The R3 documentation discloses that access sequences can operate in two modes, depending on the setting of an "exclusive access indicator" for the access sequence. In the first mode, when the exclusive access indicator is not set in an access sequence, every condition record specified in the access sequence is retrieved and ordered, and the last one retrieved is used. In this case, the order of the keys in the access sequence is ordered from the most general first to the most specific last. In the second mode, when the exclusive access indicator is set in an access sequence, the first condition record retrieved is the one that is used. The price sequence is ordered from more specific to more general. This is the situation described by the example below.

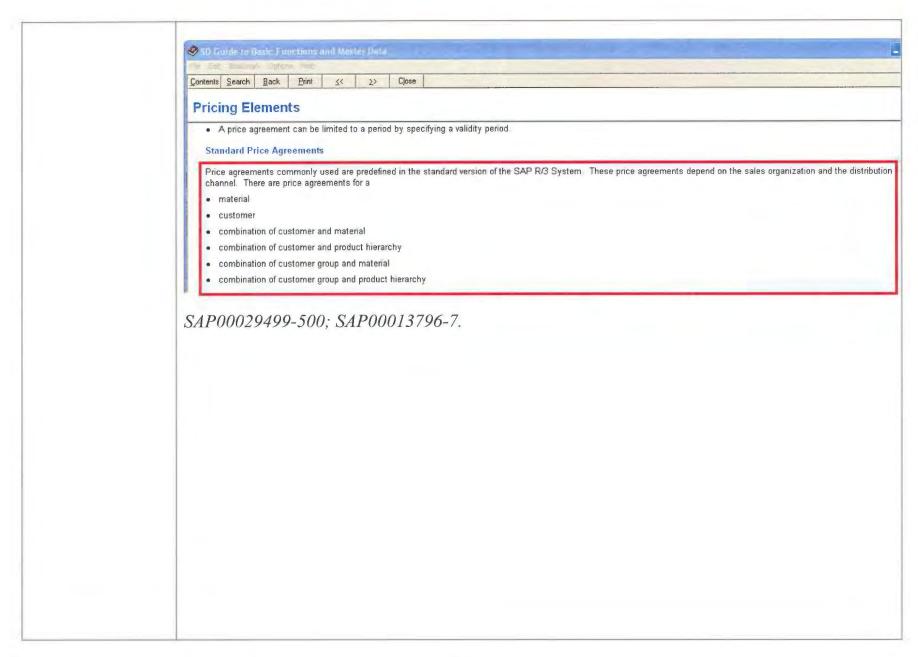


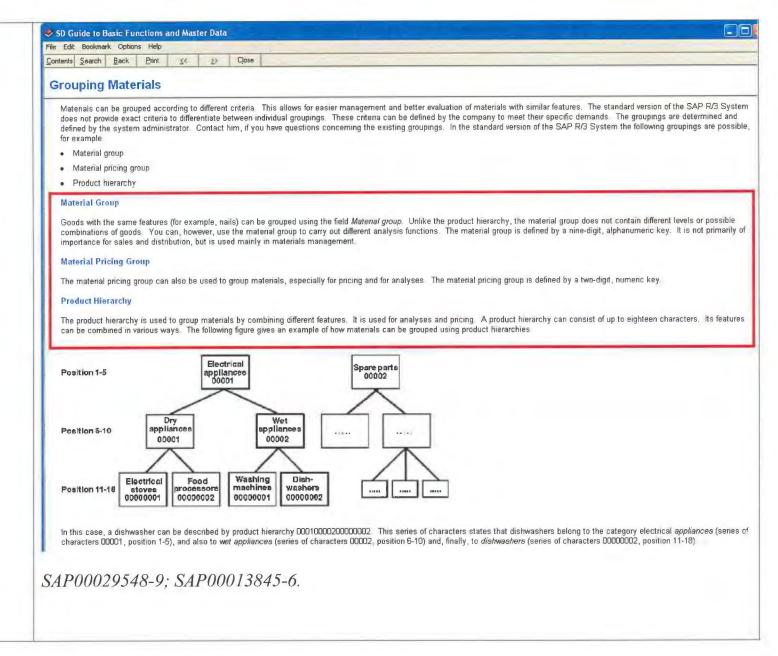


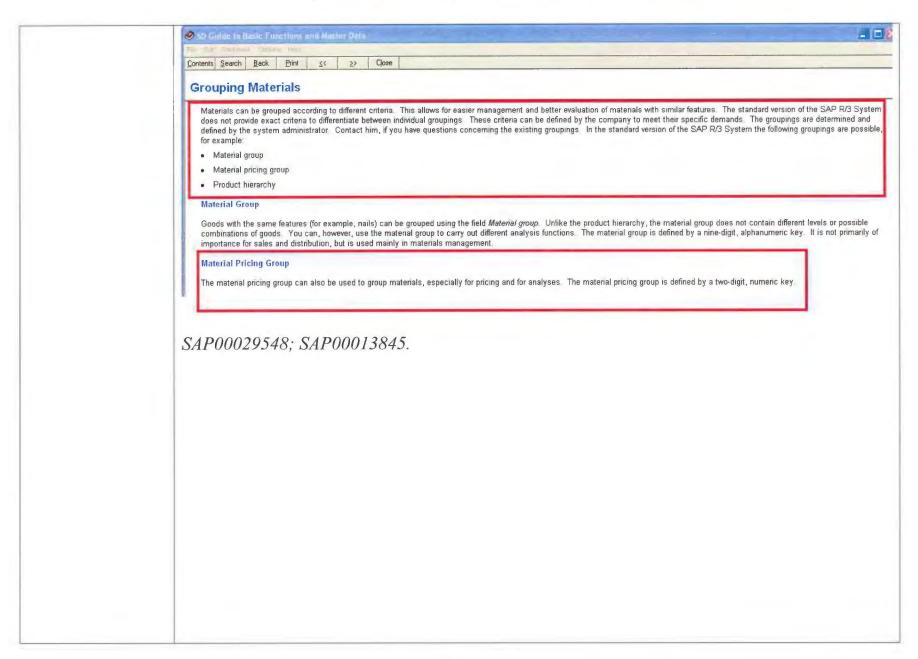


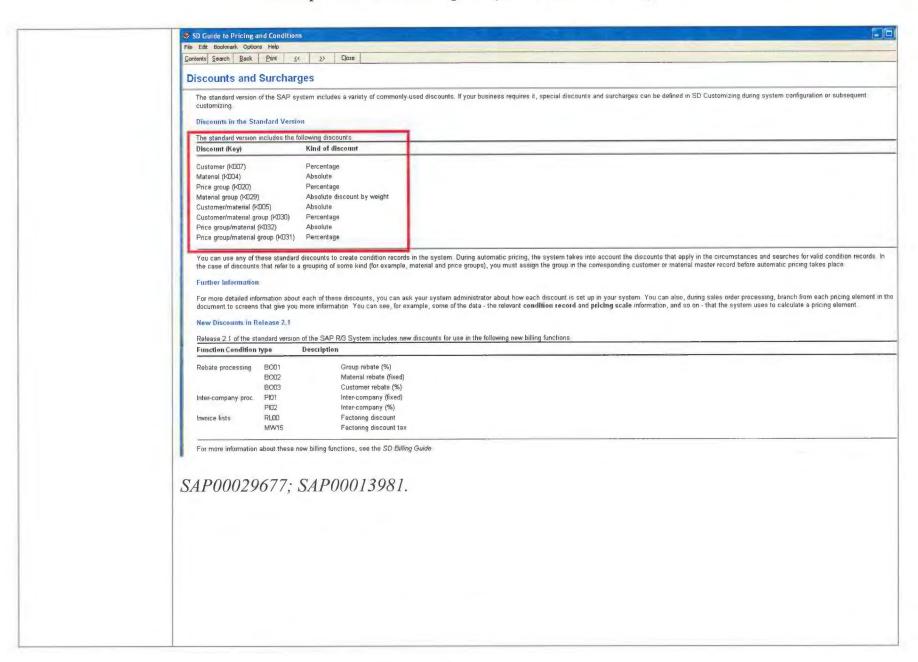


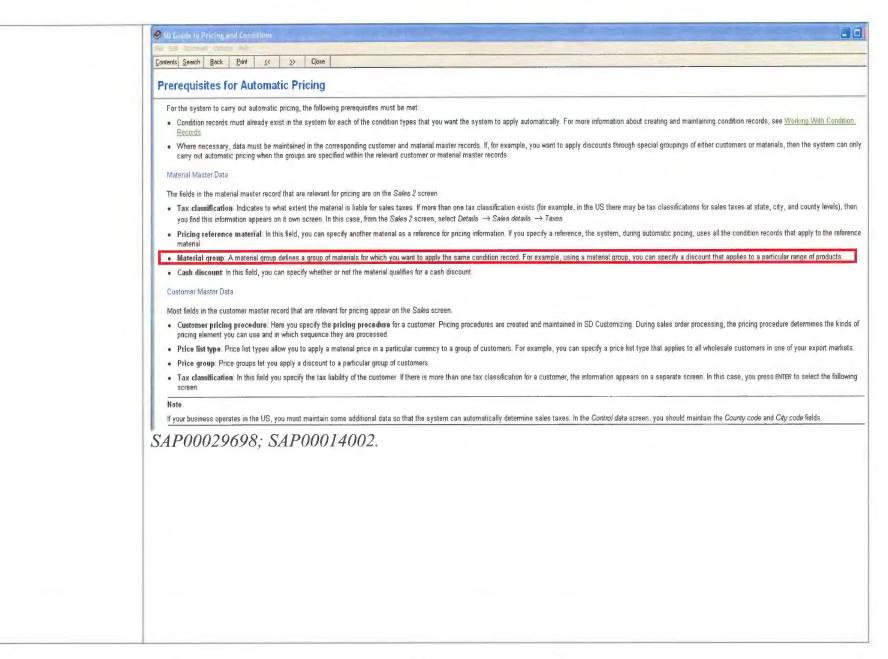


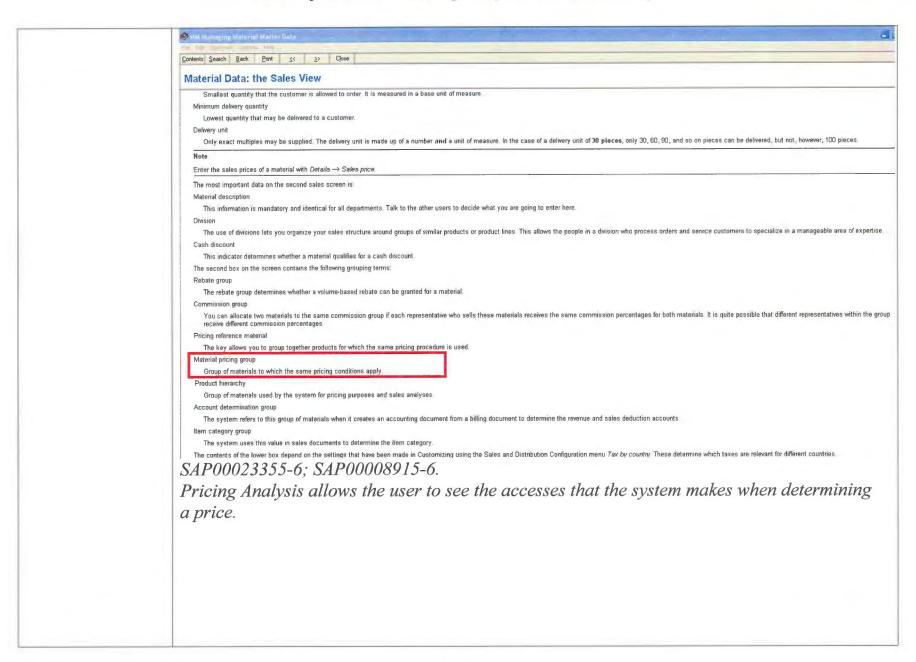


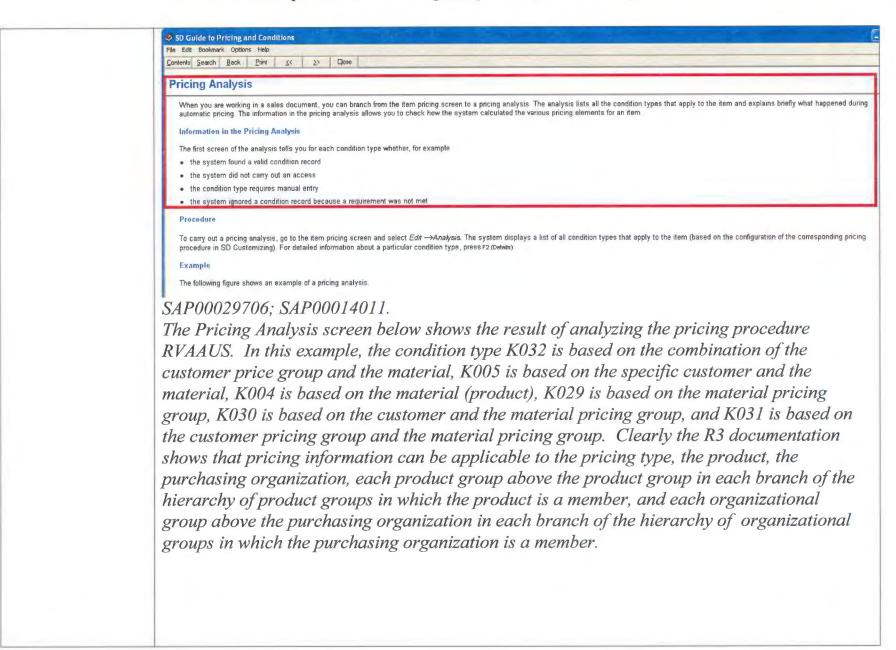


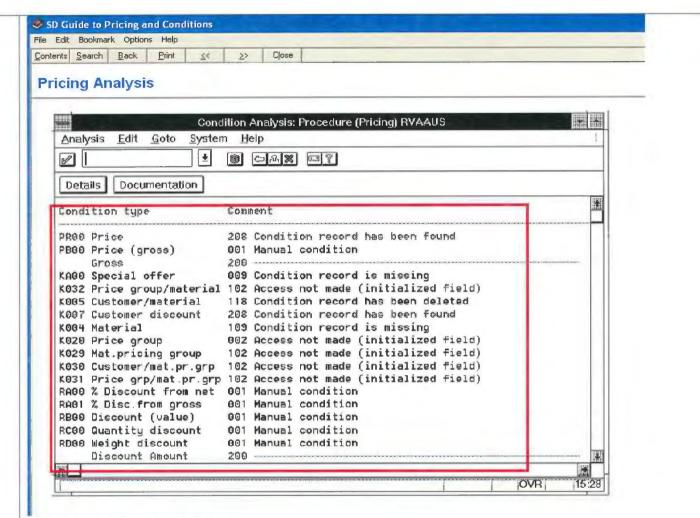






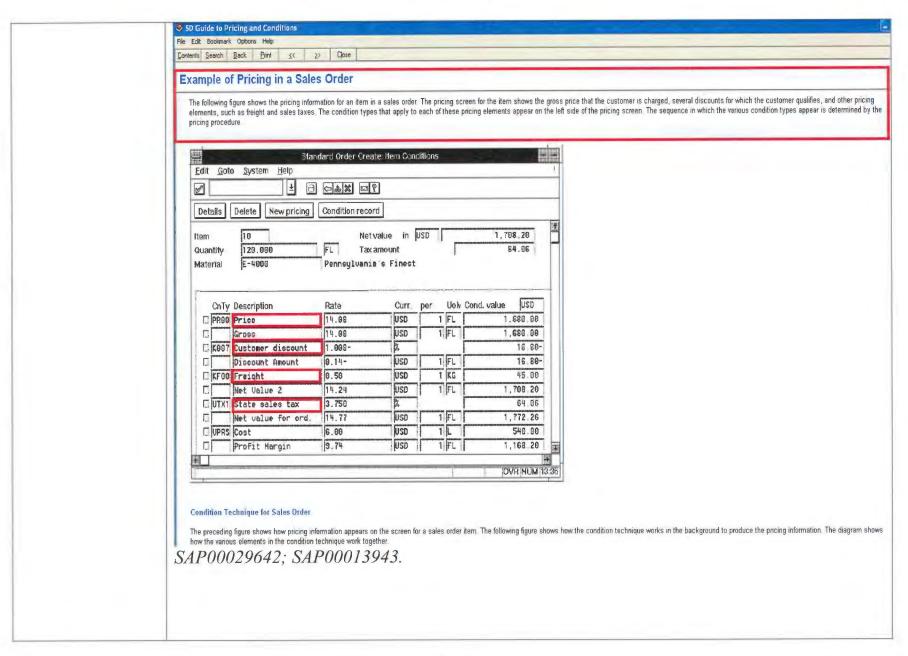




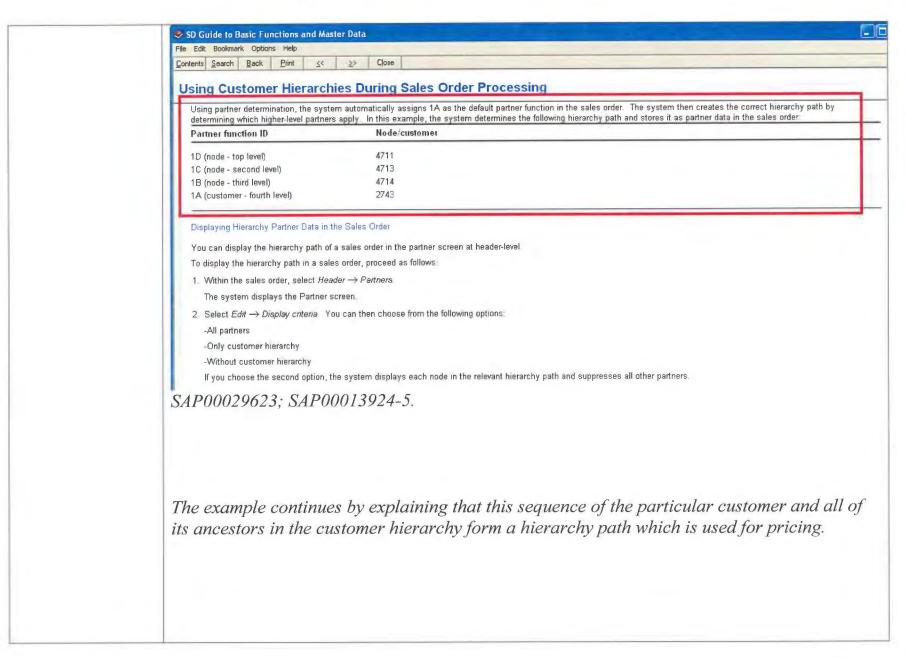


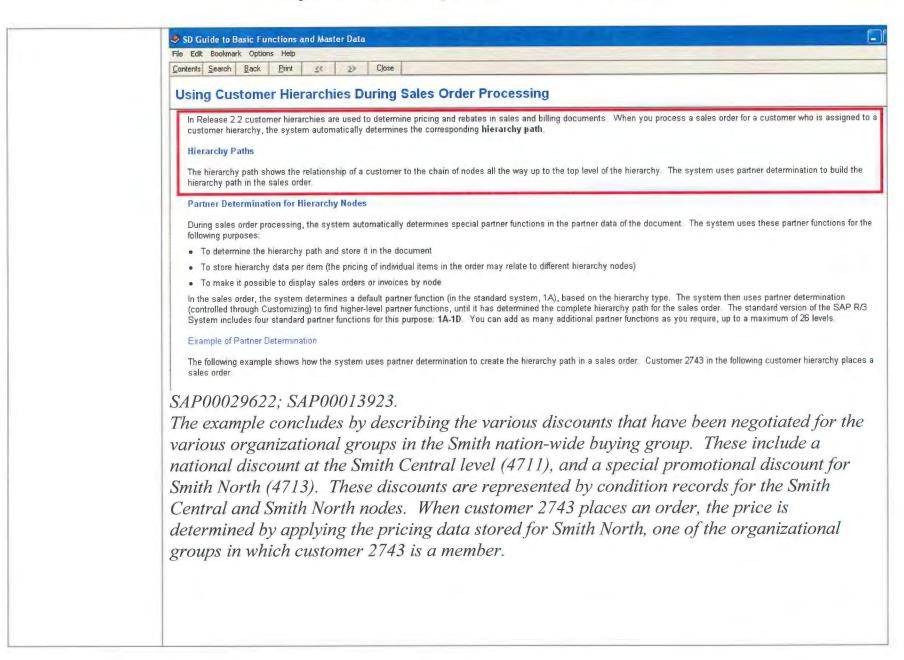
SAP00029706; SAP00014012.

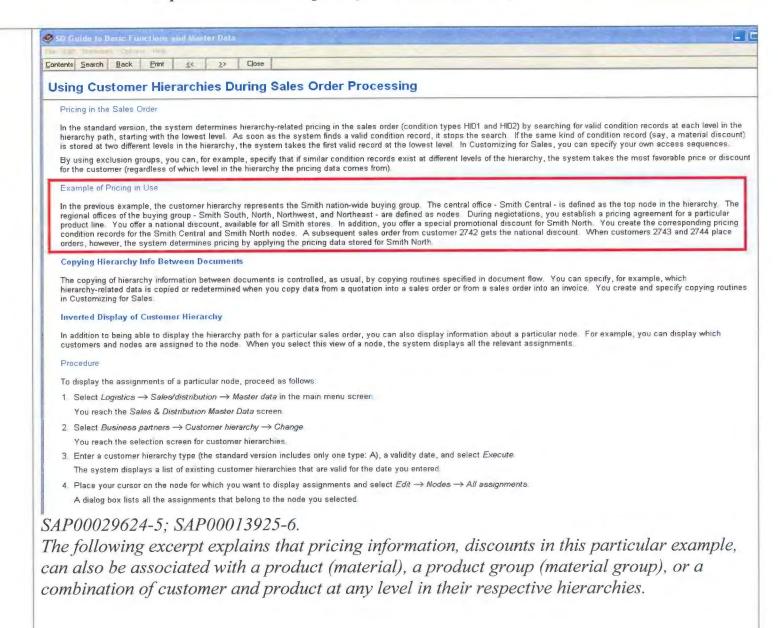
The following example shows a complete pricing example which demonstrates the use of four condition types: PR00 (Price), K007 (customer discount), KF00 (freight), and UTX1 (State sales tax). This example identifies all of the pricing information that is retrieved when pricing this particular sales order.

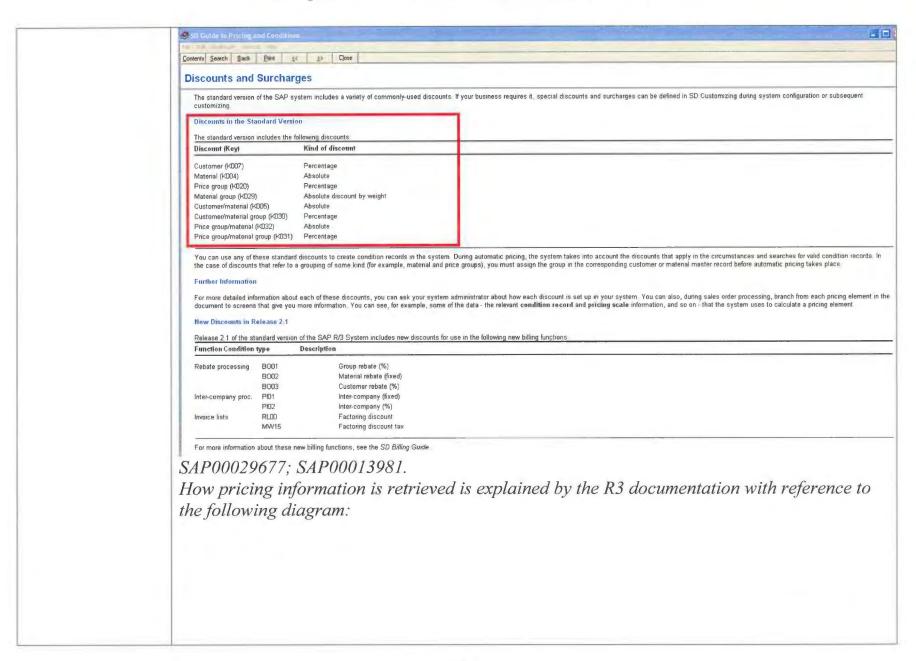


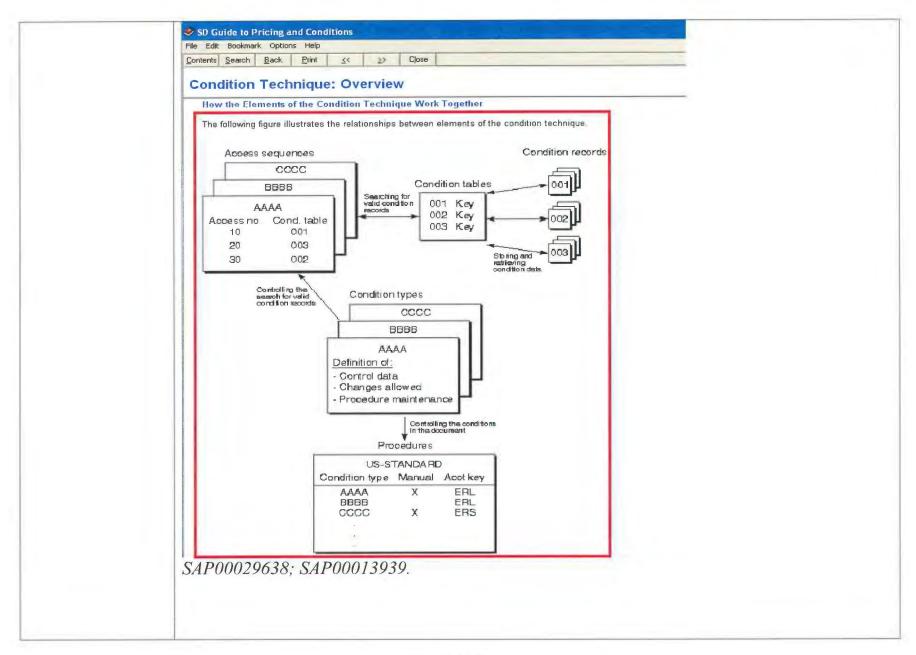
The R3 documentation of customer hierarchies provides a detailed example of retrieving applicable pricing information corresponding to the purchasing organization and each organizational group above the purchasing organization in each branch of the hierarchy of organizational groups in which the purchasing organization is a member. In this example, customer 2743 places a sales order. SD Guide to Basic Functions and Master Data File Edit Bookmark Options Help Contents Search Back Print Using Customer Hierarchies During Sales Order Processing The following example shows how the system uses partner determination to create the hierarchy path in a sales order. Customer 2743 in the following customer hierarchy places a Smith Central 0001 01 01 Pricing x Smith Smith North South 4712 4713 0001 01 01 0001 01 01 Pricing X Pricing -Customer Smith Smith 2742 Northwest Northeast 4715 0001 01 01 0001 01 01 Pricing -Pricing x Customer Customer SAP00029622-3: SAP00013923-4. The example documents the identification of the customer groups that customer 2743 is a member of: Smith Northwest (4714), Smith North (4713), and Smith Central (4711).











At runtime, a sales representative will request a price for a particular sales order (e.g., a particular customer will order a particular product in a certain quantity). In the case of the immediately preceding example, the condition technique will then operate as follows:

- 1) The condition technique will cause each condition type in the pricing procedure to be processed (AAAA, BBBB, and CCCC), and each condition type will return pricing information that will influence the price offered to the customer. For example, the pricing information returned for the condition types in a pricing procedure may include a base price of \$10, a discount of 10% and a sales tax of 5%, in which case the final sales price will be \$9.45.
- 2) Each condition type's access sequence (in the example, AAAA, BBBB, and CCCC) has a list of condition tables to search through to find the appropriate pricing information (condition records). For example, one condition type may be responsible for determining the base price. The access sequence searches each table in turn to determine if that table has a condition record that satisfies the criteria of the sales order. In the example, access sequence AAAA accesses condition tables 001, 003, and 002 in that order.
- 3) When each condition table is accessed, a key is formed based on criteria from the sales order (e.g., the customer and the requested product, or the customer and the product group that contains the requested product, or the customer group and the requested product, and so forth). The table is then indexed using this key to determine if a condition record exists that matches the sales order's criteria.
- 4) Each access sequence returns, via the condition tables, one condition record for use in determining a final price. In the case where the exclusive access indicator is not set, however, the access sequence retrieves all matching condition records, orders the condition records from most general to most specific, and returns the most specific one for use in generating a price. In the case where the exclusive access indicator is set, the access

sequence retrieves the first matching condition record and uses this one in generating a price. 5) The pricing information from each access sequence/condition type is then utilized in the order specified by the pricing procedure to determine the final price.	
5) The pricing information from each access sequence/condition type is then utilized in the order specified by the pricing procedure to determine the final price.	sequence retrieves the first matching condition record and uses this one in generating a price.
	5) The pricing information from each access sequence/condition type is then utilized in the order specified by the pricing procedure to determine the final price.

sorting the pricing information according to the pricing types, the product, the purchasing organization, the hierarchy of product groups, and the hierarchy of organizational groups;

I find nothing in the claim language that requires that the sorting happen after the retrieving has been completed. In other words, the sorting step could occur before the retrieving step. Also, in my opinion, a system that interleaved retrieving and sorting would satisfy these elements. Such a system, for example, may retrieve some pricing information, sort that pricing information, retrieve some additional pricing information, sort that additional pricing information, etc.

The claimed sorting is accomplished by the condition technique. The condition technique does sorting at two levels. First, the pricing procedure defines the order in which condition types will be used to determine a price; all condition records retrieved are therefore first sorted according to the condition type to which they belong. Second, the access sequence determines the order in which condition records will be considered for each condition type. Each of these sorts—performed by the pricing procedure and the access sequence—individually satisfies the broadest reasonable interpretation of the claimed sorting step.

The access sequence itself satisfies the claimed sorting step in two ways based on the setting of the "exclusive access indicator" in each access sequence. As the name implies, the exclusive access indicator will return all matching pricing information when not set ("non-exclusive") and will return the most specific pricing information ("exclusive") when it is set. Whether the exclusive access indicator is set or not, the access sequence defines the order in which condition records should be retrieved, and the access sequence accomplishes the required sorting in order to respect this defined order. Each mode is described further below.

In one mode of operation, when the exclusive access indicator is not set in an access sequence, the R3 documentation describes retrieving every condition record specified in the access sequence in the order specified by the access sequence. In this case, although all pricing information that satisfies the condition records is retrieved, only the last one retrieved is used. In this mode of operation, the condition tables identified in the access sequence are ordered from the most general first to the most specific last. In this mode of operation, all

condition records are retrieved and sorted in the order of most general to most specific. In my opinion, this accomplishes the claimed sorting step.

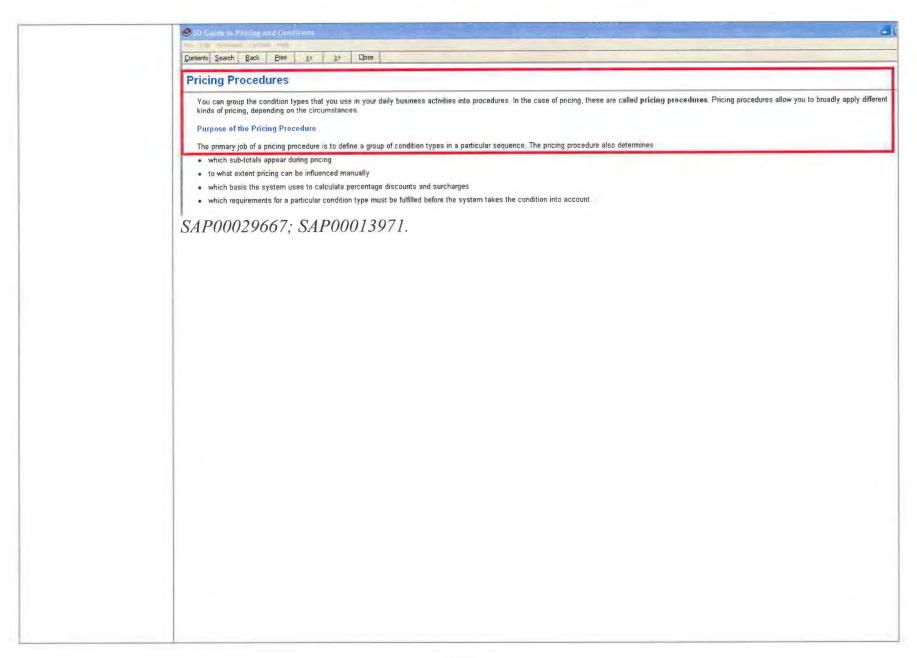
In another mode of operation, when the exclusive access indicator is set in an access sequence, the R3 documentation indicates that access sequences retrieve the single "most specific" condition record from its condition table for a condition type. In this mode, the R3 documentation describes first attempting to retrieve the most specific condition record, and if one cannot be found, then attempting to retrieve the next more general condition record, and so on. In this way, the first condition record that is found according to the order that has been defined by the access sequence is retrieved. In my opinion, this also satisfies the claimed sorting step because the condition records are sorted before they are retrieved based on the order in which they appear in the access sequence.

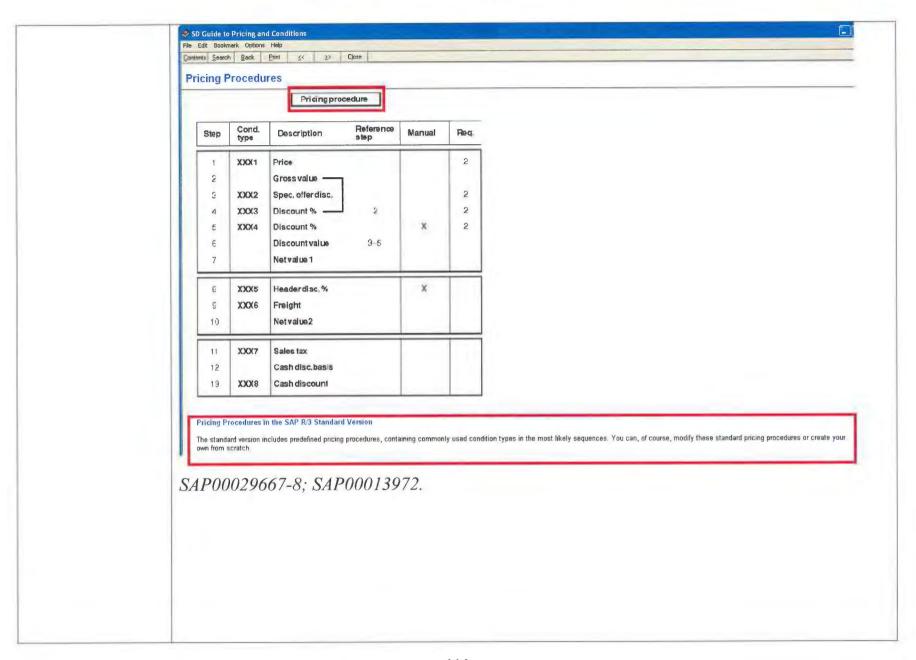
It is therefore my opinion that there are at least 3 individual ways in which the claimed sorting step is satisfied by the R3 documentation.

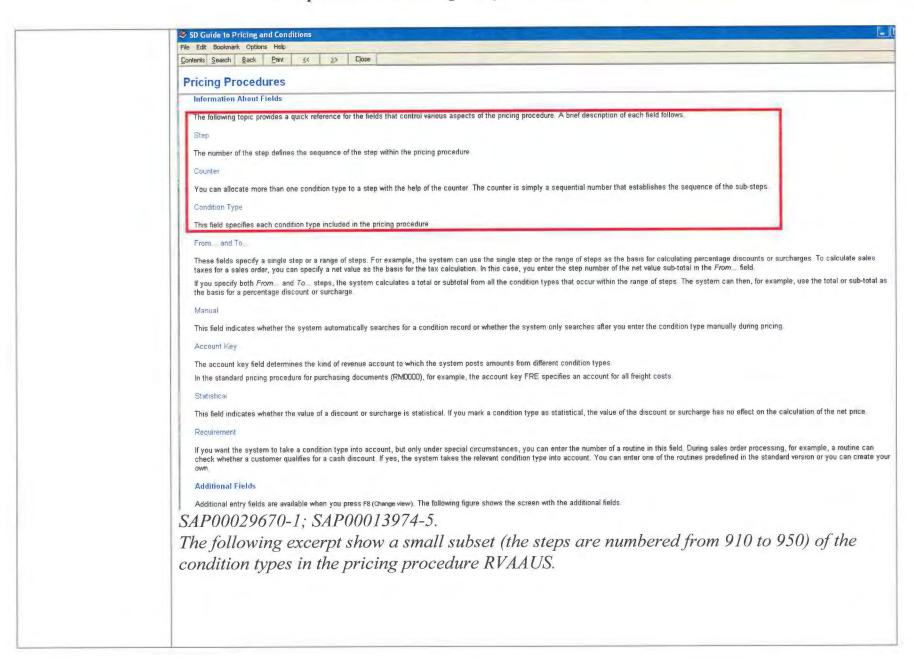
First, I discuss the pricing procedures.

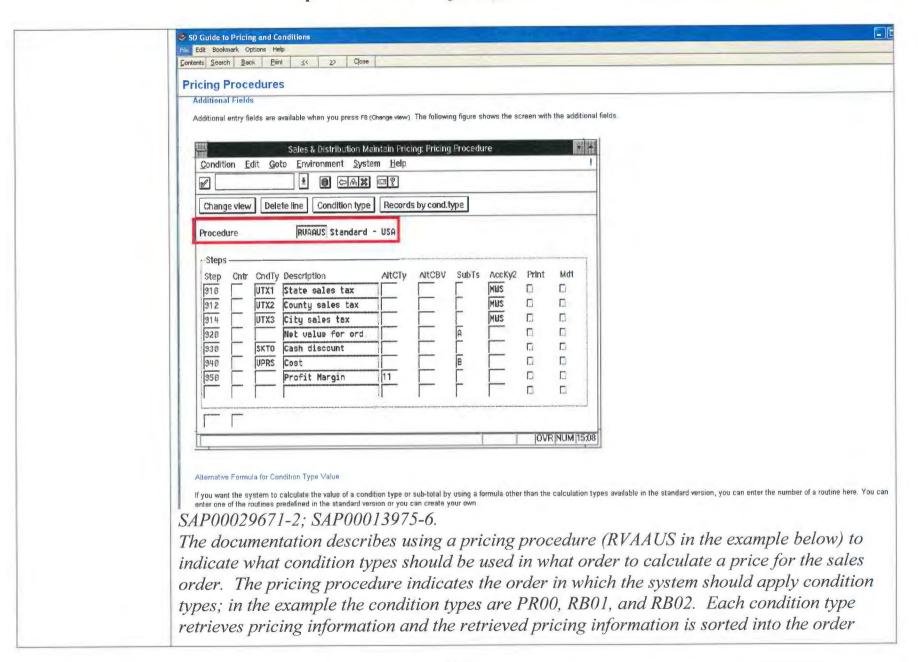
Pricing procedures

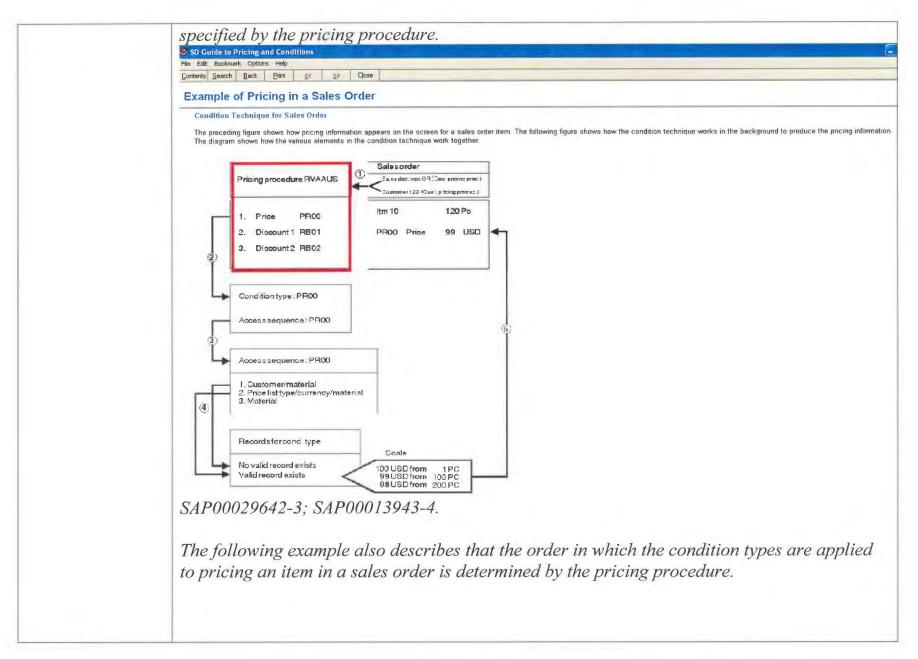
Pricing procedures specify a group of condition types in a particular sequence. The sequence that is specified in the procedure defines the ordering of the condition records that will be retrieved by the pricing procedure.

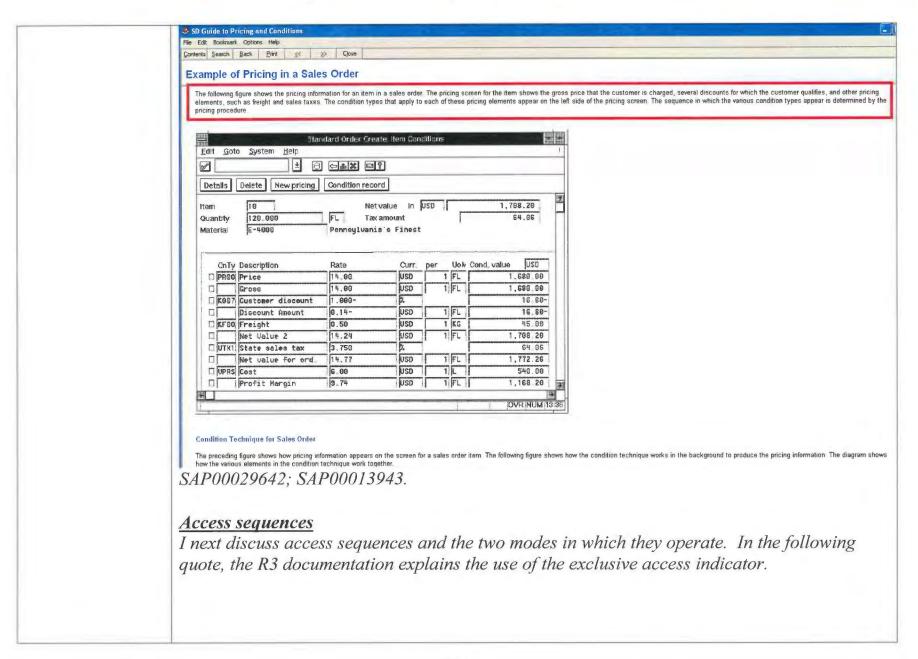


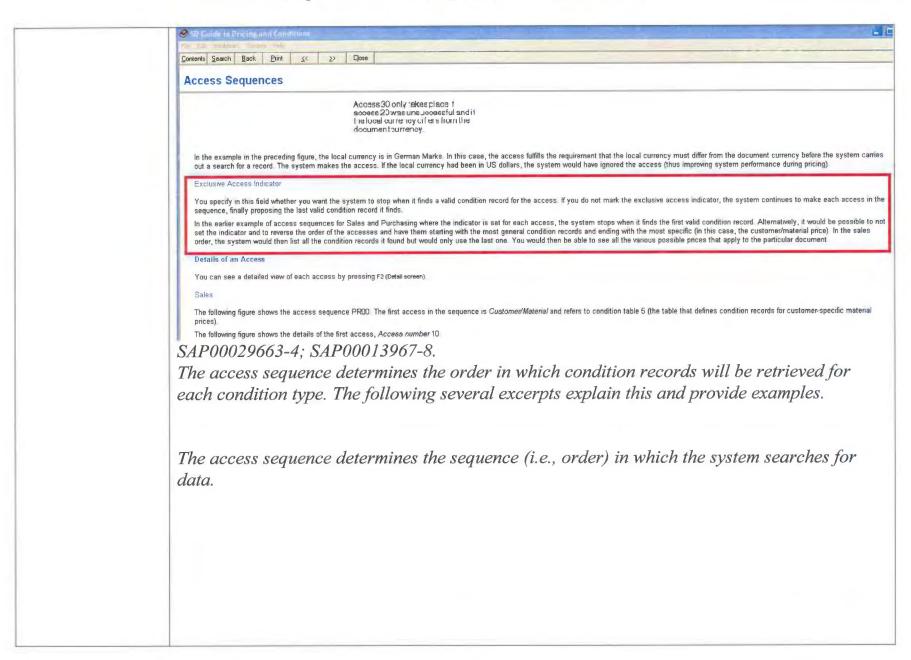


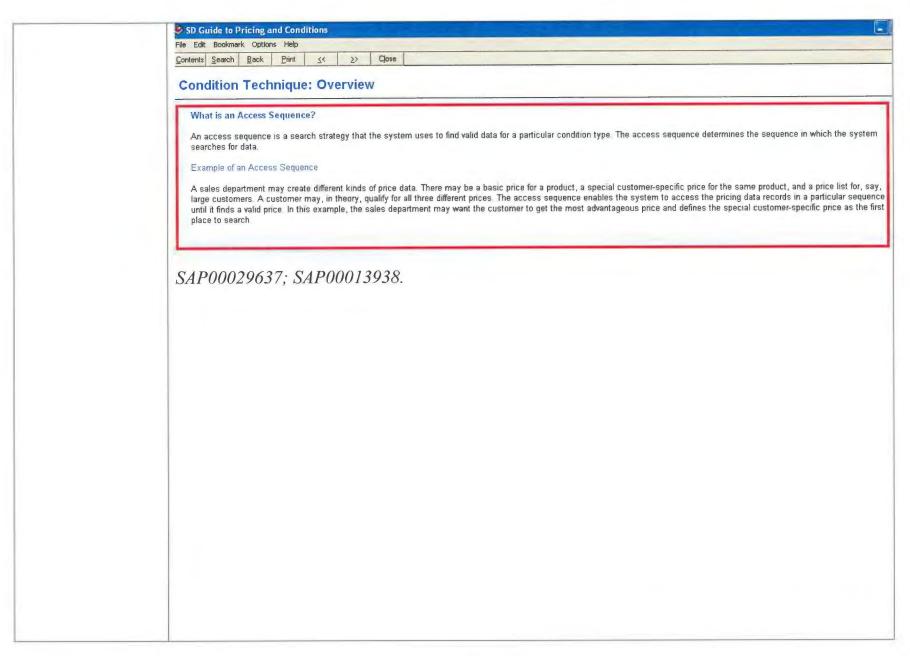


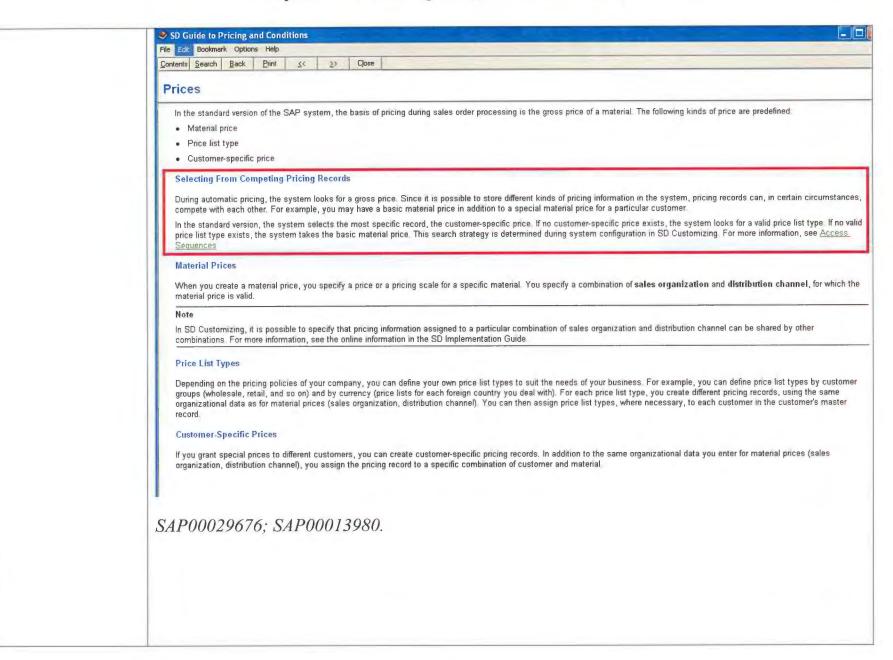


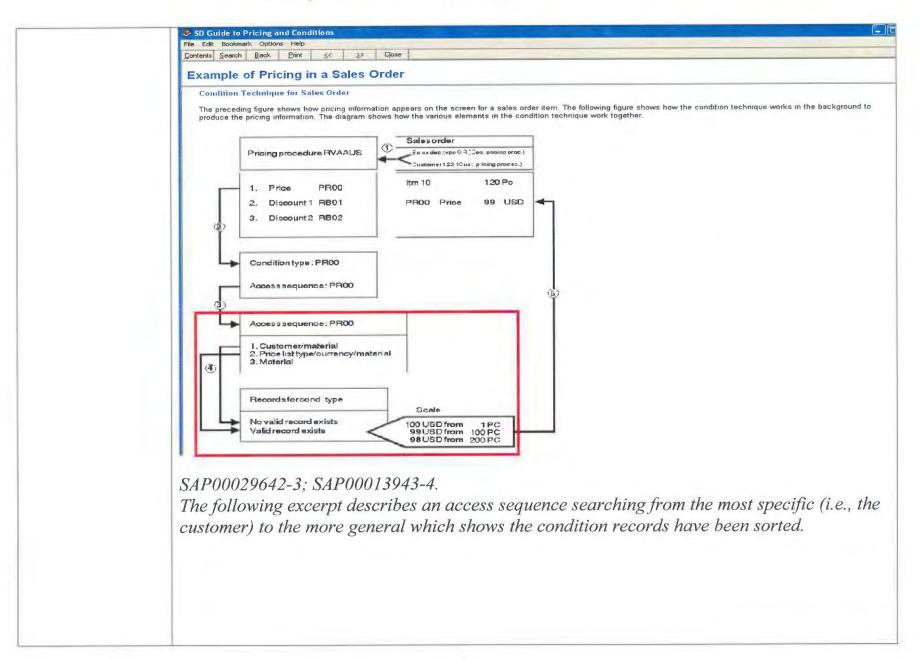


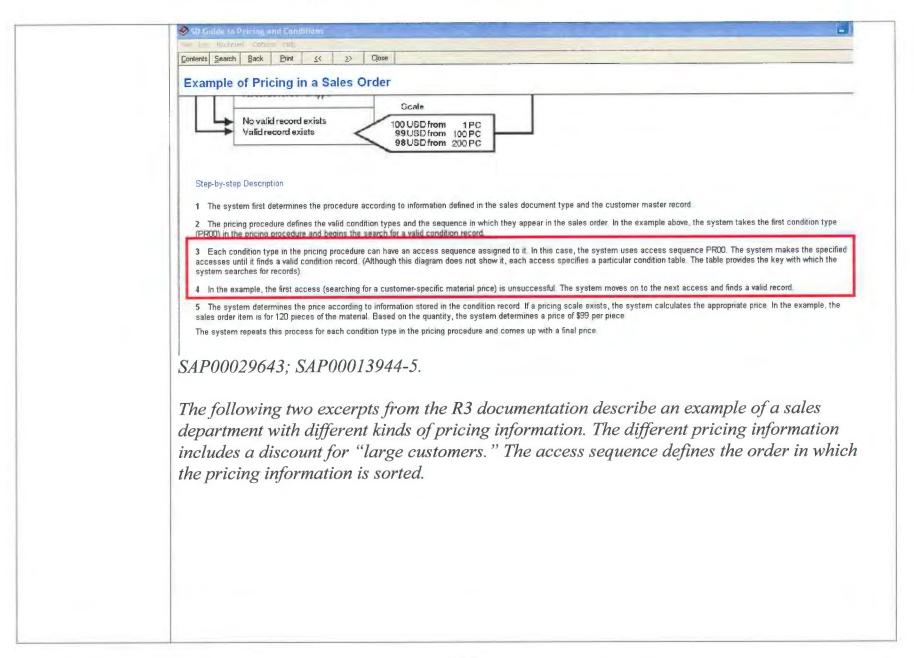


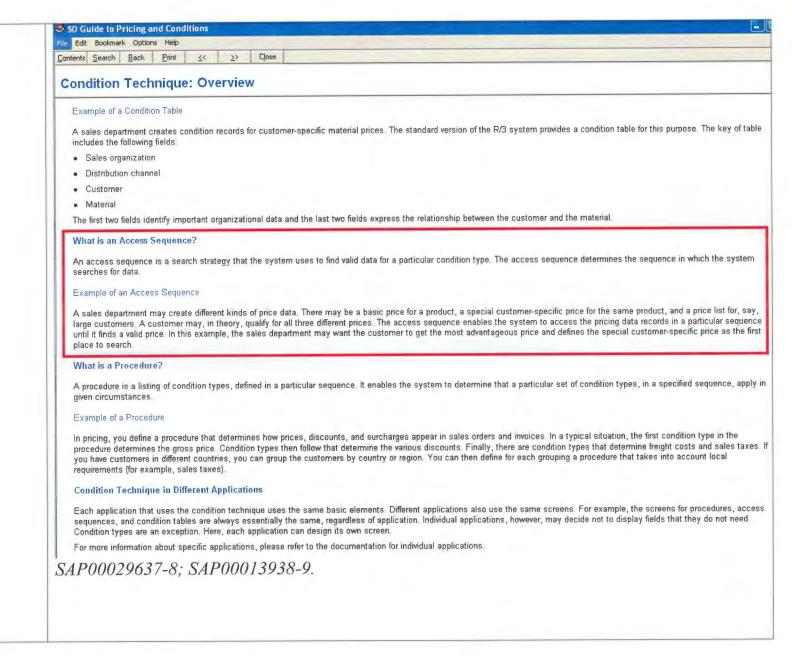


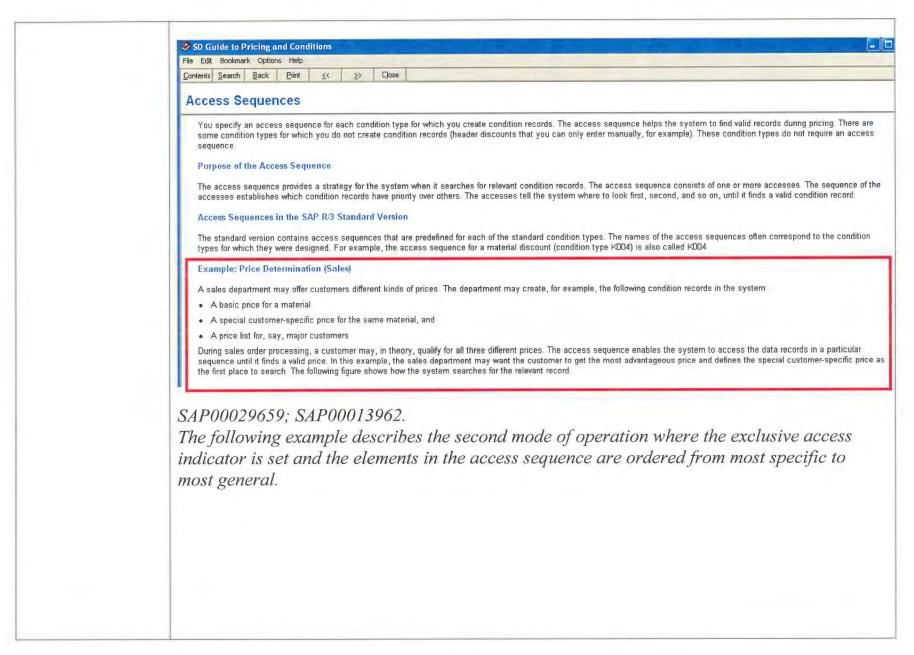


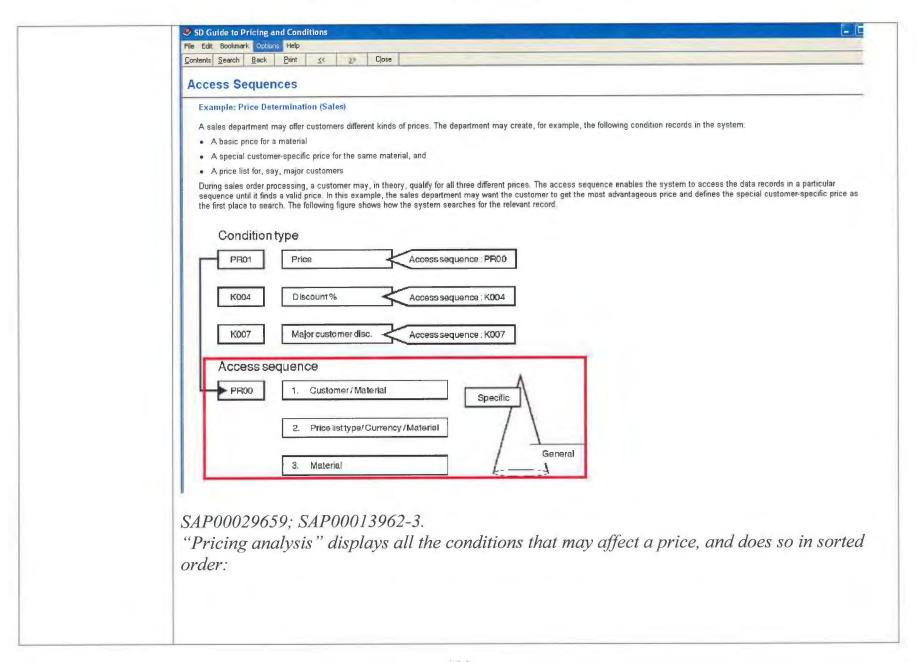


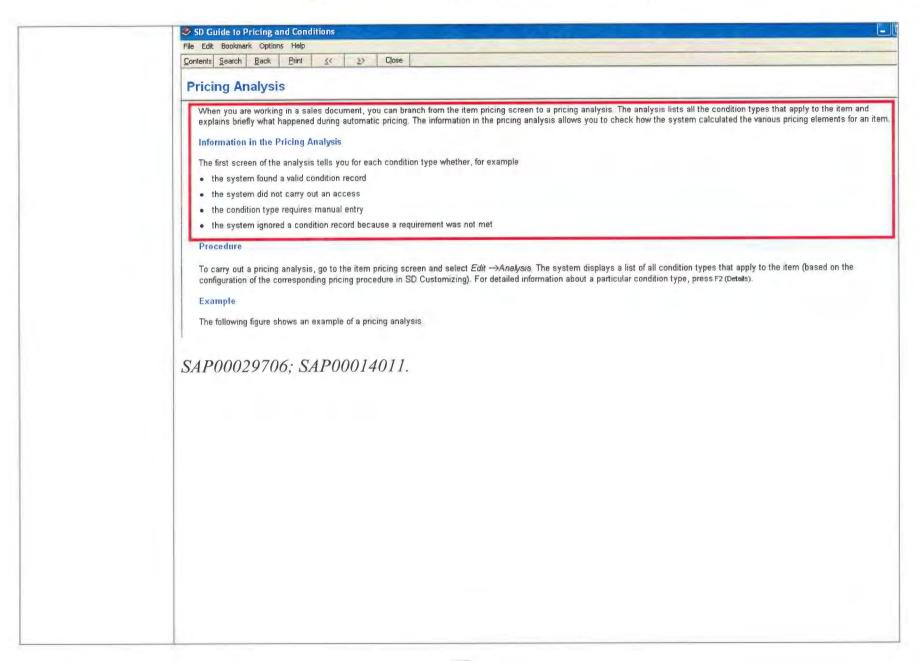


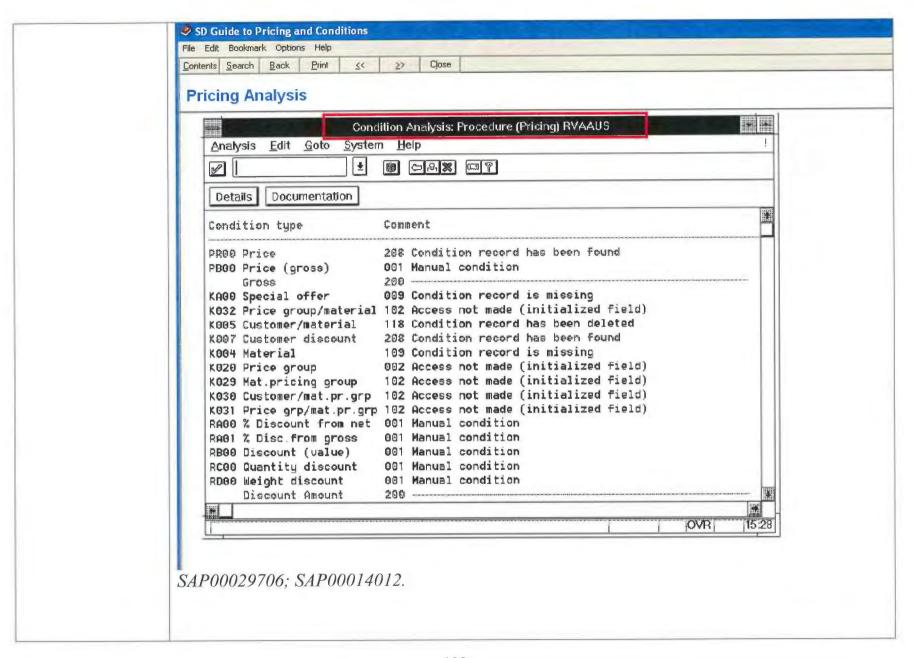












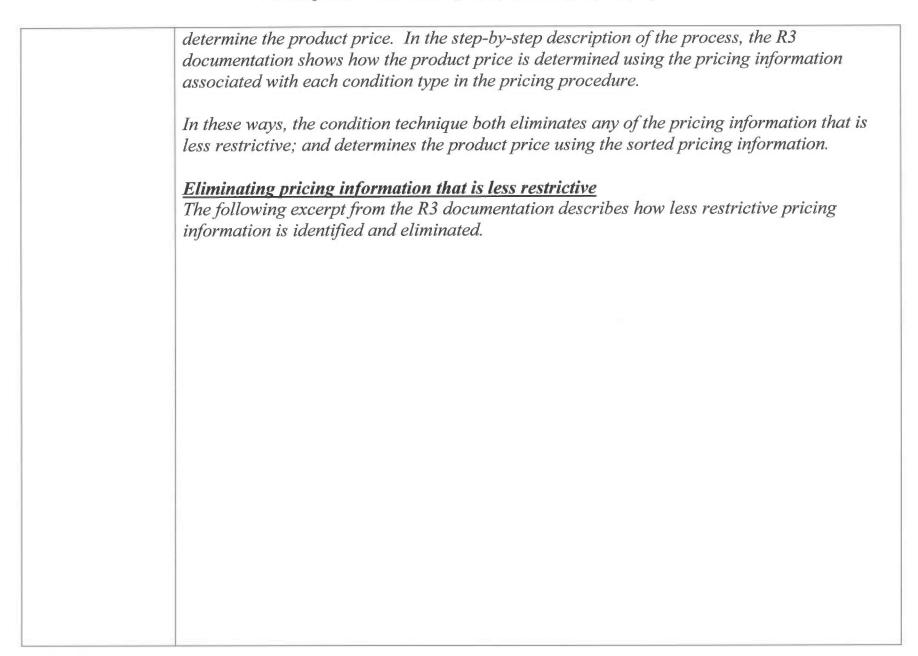
eliminating any of the pricing information that is less restrictive; and determining the product price using the sorted pricing information. I find the term "pricing information that is less restrictive" unclear and insolubly ambiguous to one of ordinary skill in the art, as I have described elsewhere. However, as I've said previously, for the purposes of my analysis, I will assume that "pricing information that is less restrictive" means "pricing information that is less specifically applicable to a product, a purchasing organization, an organizational group or a product group."

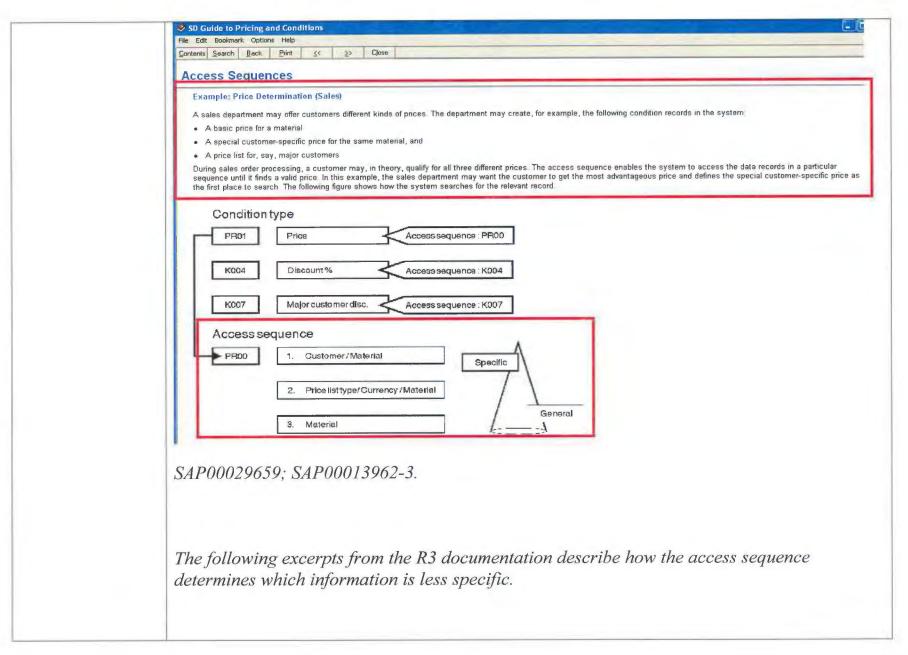
The claimed eliminating step is performed by the condition technique. As described previously, the R3 documentation describes how retrieving and sorting pricing information is accomplished by the condition technique. The combination of the pricing procedure and the access sequence determines the order in which the pricing information is retrieved. The behavior of the condition technique is dependent on the setting of the "exclusive access indicator" in each access sequence.

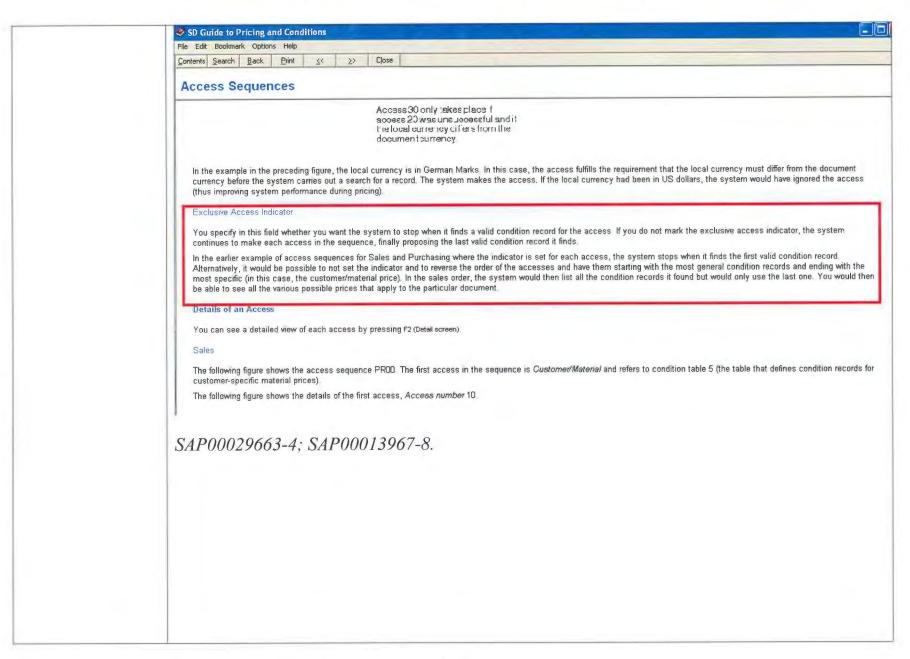
As I mentioned above, when the exclusive access indicator is not set, the condition technique, via the condition type, will retrieve all of the condition records in the order specified in the access sequence. In this case, the access sequence is ordered from the most general to the most specific. Once all condition records have been retrieved, the R3 documentation specifies that all but the last condition record found will be eliminated and only the last one will be used.

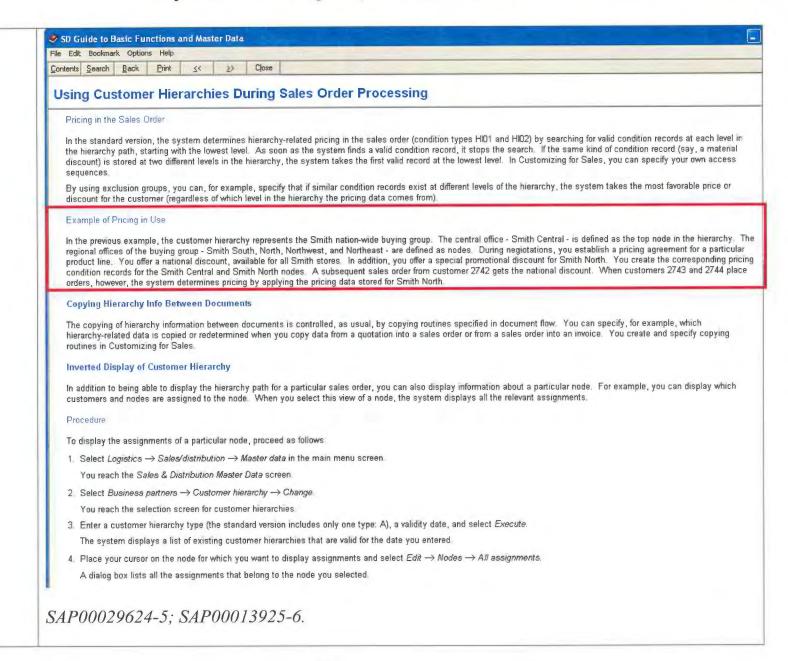
Alternatively, when the exclusive access indicator is set, the condition technique will retrieve just one condition record. In this case, the access sequence is ordered from the most specific to the most general. The R3 documentation specifies that the condition technique will stop when it finds the first condition record, thereby eliminating any of the pricing information that is less restrictive.

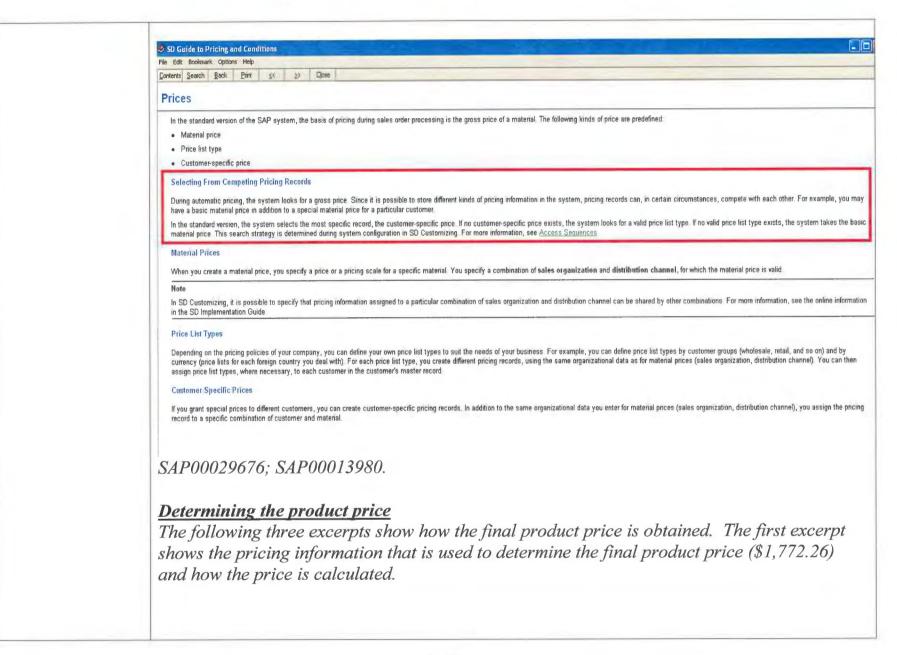
When the less restrictive pricing information has been eliminated as described above, the condition technique determines the product price using the sorted price information. An example from the R3 documentation describes all of the pricing information used to

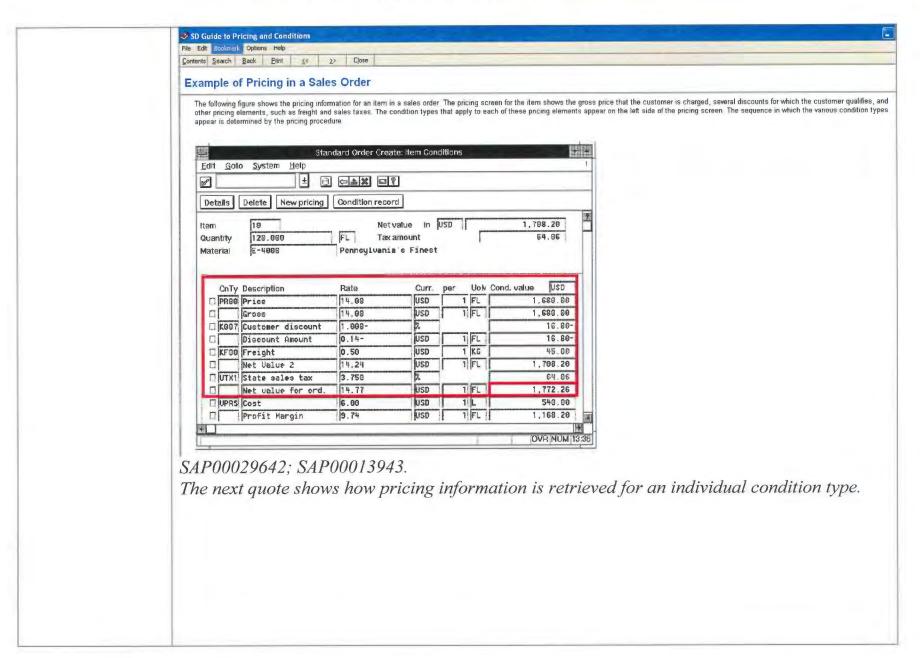


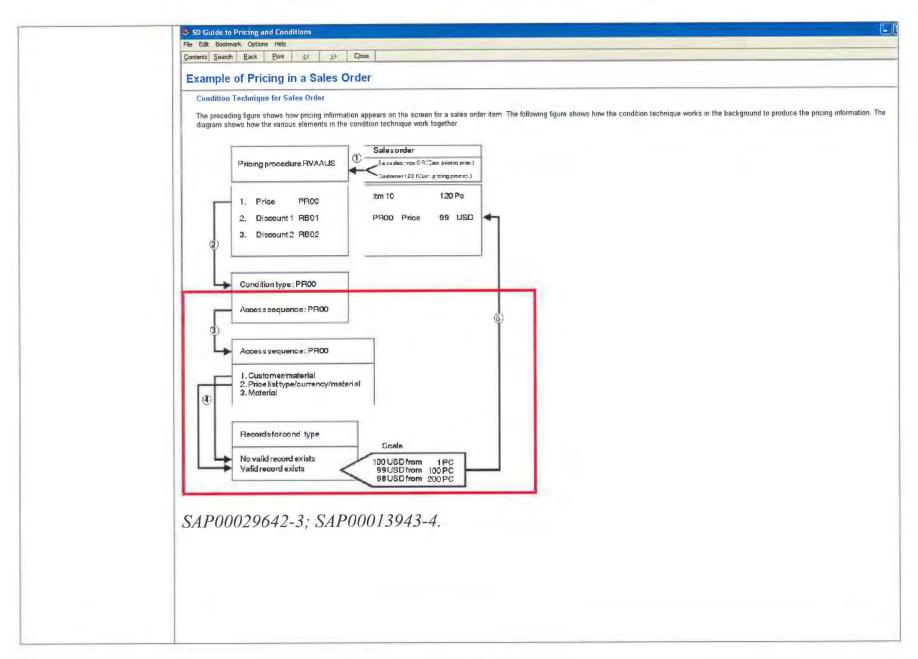




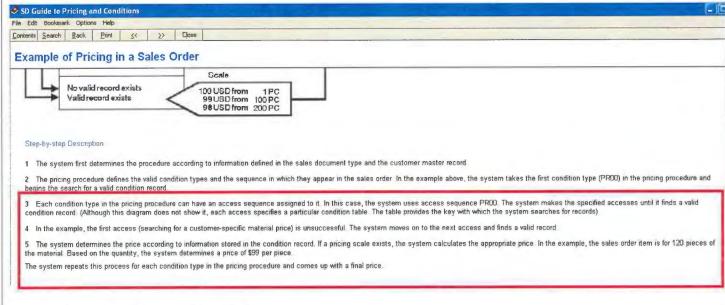








This final quote from the example describes how the final price is determined. Steps 3 through 5 are repeated for each condition type in the pricing procedure, and step 5 describes how the condition technique uses the sorted pricing information (retrieved condition record) to determine the price.



SAP00029643; SAP00013944-5.

l	27. A computer
I	implemented
ı	method for
	determining a
ı	price of a
	product offered
	to a purchasing
	organization
	comprising:
1	

The R3 documentation discloses a method for determining a price of a product offered to a purchasing organization that includes all of the elements of claim 27. The process of determining a price is called pricing. It can be used by a client (owner/operator) of the software system to determine the price at which it will offer some product to a customer.

As noted below, during a sales order, the R3 documentation discloses automatically determining pricing by taking into account such things as the base price, discounts and surcharges, and freight and sales taxes. The condition technique includes many of the processes used in determining the price of a product.

See the evidence and my analysis for claim 17.

retrieving from a data source pricing information that is (i) applicable to the purchasing organization and (ii) from one or more identified organizational groups, within a hierarchy of organizational groups, of which the purchasing organization is a member;

In claim 17 above, I provided an analysis for the "arranging a hierarchy of organizational groups" element which demonstrates that the R3 documentation discloses a hierarchy of organizational groups of which a purchasing organization is a member. I also provided an analysis for claim 17's "retrieving" element that demonstrates that the R3 documentation discloses retrieving pricing information that is applicable to a purchasing organization and from one or more identified organizational groups within the hierarchy, of which the purchasing organization is a member. The analysis and evidence for those two elements in claim 17, therefore, demonstrates that this element of claim 27 is disclosed by the R3 documentation. For more details, see the evidence and my analysis for the claim elements "arranging a hierarchy of organizational groups" and "retrieving" in claim 17.

retrieving from the data source pricing information that is (i) applicable to the product and (ii) from one or more identified product groups, within a hierarchy of product groups, of which the product is a member; and

In claim 17 above, I provided an analysis for the "arranging a hierarchy of product groups" element which demonstrates that the R3 documentation discloses a hierarchy of product groups of which a product is a member. I also provided an analysis for claim 17's "retrieving" element that demonstrates that the R3 documentation discloses retrieving pricing information that is applicable to a product and from one or more identified product groups within the hierarchy of product groups, of which the product is a member. The analysis and evidence for those two elements in claim 17, therefore, demonstrates that this element in claim 27 is disclosed by the R3 documentation. For more details, see the evidence and my analysis for the claim elements "arranging a hierarchy of product groups" and "retrieving" in claim 17.

receiving the price of the product determined using pricing information applicable to the one or more identified organizational groups and the one or more identified product groups according to the hierarchy of product groups and the hierarchy of organizational groups.

Claim 17's "retrieving," "eliminating" and "determining" elements encompass this functionality. Thus, the evidence and my analysis of these three elements above demonstrates that the R3 documentation discloses claim 27's "receiving the price of a product determined using pricing information applicable to the one or more identified organizational groups and the one or more identified product groups according to the hierarchy of product groups and the hierarchy of organizational groups." For more details, see the evidence and my analysis for the "retrieving," "eliminating," and "determining" claim elements in claim 17.

28. A computer readable storage media comprising: computer instructions to implement the method of claim 27.	As I mentioned above with respect to claim 26, the R3 documentation inherently discloses a computer readable storage media with computer instructions.

29. An apparatus for determining a price of a product offered to a purchasing organization comprising:

Claim 29 is virtually identical to claim 28 and 27, except that it recites an "apparatus," a "processor," and a "memory coupled to the processor." The R3 documentation discloses an enterprise information system, which is an apparatus and which necessarily includes both a memory and a processor that are coupled together. Therefore, these claim elements are disclosed by the R3 documentation. Furthermore, my analysis and the evidence I present for claims 28 and 27, which references my analysis of claims 26 and 17, demonstrates that the other elements of claim 29 are disclosed by the R3 documentation. Accordingly, claim 29 is also unpatentable over the R3 documentation.

a processor;

a memory coupled to the processor, wherein the memory includes

computer program instructions capable of:

retrieving from a	See the corresponding claim element from claim 27.
data source	
pricing	
information that	
is (i) applicable	
to the purchasing	
organization and	
(ii) from one or	
more identified	
organizational	
groups, within a	
hierarchy of	
organizational	
groups, of which	
the purchasing	
organization is a	
member;	

retrieving from	See the corresponding claim element from claim 27.
the data source	
pricing	
information that	
is (i) applicable	
to the product	
and (ii) from one	
or more	
identified	
product groups,	
within a	
hierarchy of	
product groups,	
of which the	
product is a	
member; and	
	0

receiving the	See the corresponding claim element from claim 27.
price of the	
product	
determined using	
pricing	
information	
applicable to the	
one or more	
identified	
organizational	
groups and the	
one or more	
identified	
product groups	
according to the	
hierarchy of	
product groups	
and the	
hierarchy of	
organizational	
groups.	