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American Telephone & Telegraph Co. unveiled new optical transmission systems for data , video and voice communications . named:x-c named
                                                                                                                                                                                                                                                   telecommunications giant called a new generation of such equipment are available now , AT&T said ...h n:x v_name:e-i-i-i q:i-h-h a:e-p n_of:x-i _ q:i-h-h n:x _ a:e-i time_n:x _ named:x-c v_to:e-i-h-i
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               , and three others will be introduced in 1990 and 1991 . _ _ card:i-i-c n:x _ _ v_to:e-i-p p:e-u-i yofe:x-c _ yofe:x-c
   The products are aimed at a market expected to total more than $ 1 billion a year in sales by 1995 , said Morgan Buchner Jr. , vice president of transmission systems for AT&T q:i-h-h n:x v:e-i-h v:e-i-i much-many_a:e-i _ n:x card:i-i-c card:i-i-c card:i-i-c p:e-u-i n_of:x-i p:e-u-i n_of:x-i p:e-u-i n_of:x-i p:e-u-i named:x-c named:x-c
                                                                                                                down greatly on labor , Mr. Buchner said .
u _ a:e-e p:e-u-i n:x _ n:x named:x-c v_to:e-i-h-i _
                 (ARGI)
      This cuts down x:x v_down:e-i-u
                                                                                                                                                                                                                                                                                         ARG2
         AT&T said the products , unlike previous generations , will meet so-called Sonet compound , which AT&T expects to be broadly adopted named:x-c v_to:e-i-h-i q:i-h-h n:x p:e-u-i a:e-p n_of:x-i _ v:e-i-p a:e-p named:x-c n:x n:x _ n:x _ n:x _ v:e-i-h _ a:e-e v:e-i-p
"These products are the heart of our transmission-product line , "Mr. Buchner said .

- q_dem:i-h-h n:x v_id:e-p-i q:i-h-h n:x p:e-x-i q:i-h-h n:x n_of:x _ n:x named:x-c v_to:e-i-h-i _
 He declined to disclose specific prices , but said each product costs in the tens of thousands , or even hundreds of thousands , of dollars .

pron:x v:e-i-h _ v_to:e-i-p-i a_to:e-p-i n_of:x _ v_to:e-i-h-i q:i-h-h n:x v:e-i-i p:e-u-i q:i-h-h x:x-i _ x:x _ a:e-p x:x-i _ x:x _ p:e-x-i n:x _ p:e-x-
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      AT&T said it expects to beat to the marketplace two rivals , Northern Telecom Ltd. of Canada and France 's Alcatel N.V. , which also have announced Sonet-based products . named:x-c v_to:e-i-h-i pron:x v:e-i-h _ v_to:e-i-p-i _ q:i-h-h _ n_of:x-i _ card:i-i-c _ n:x _ named:x-c _ name
 AT&T predicted strong growth in demand for such products . named:x-c v:e-i-p a:e-p n_of:x-i p:e-u-i n:x p:e-u-i q:i-h-h n:x _
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