GAFNet, a novel generative adversarial network, effectively embeds 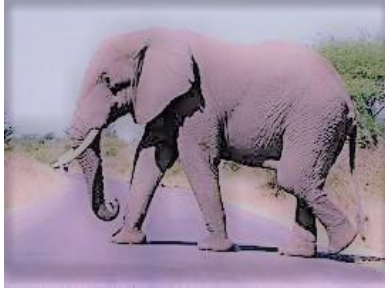natural language descriptions into the image-to-image translation of objects and visual attributes. Experimental results show that GAFNet can effectively generate the high-quality desired images semantically consistent with given descriptions, as shown below:

Text	GAFNet	ViLBERT
Giraffe is grazing on **grass** field		
The **bus** is on the empty **road**		
The **white ball** is in **air**		
elephant is crossing the **street**		
Black and white dog is chasing the **ball**		