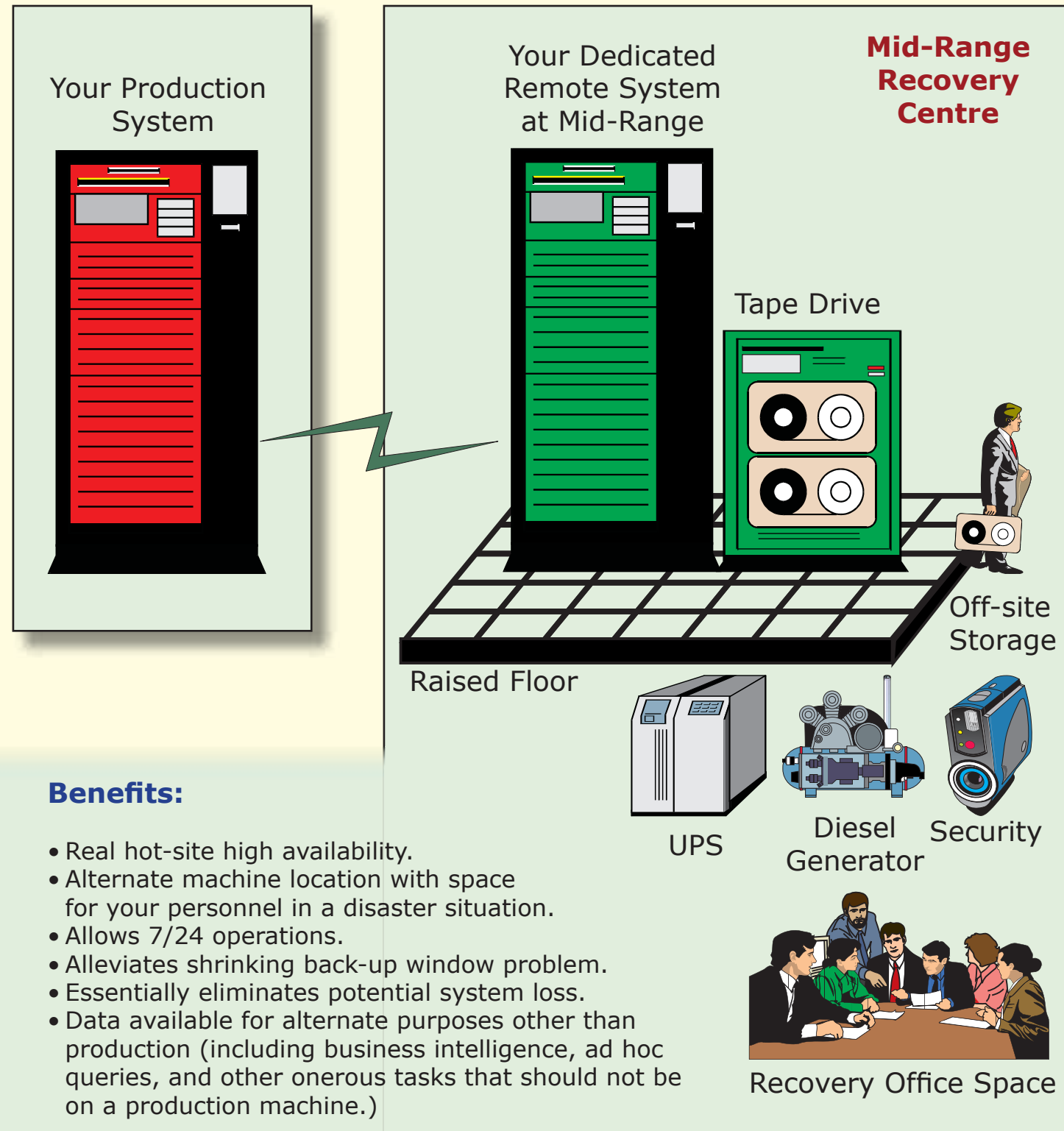


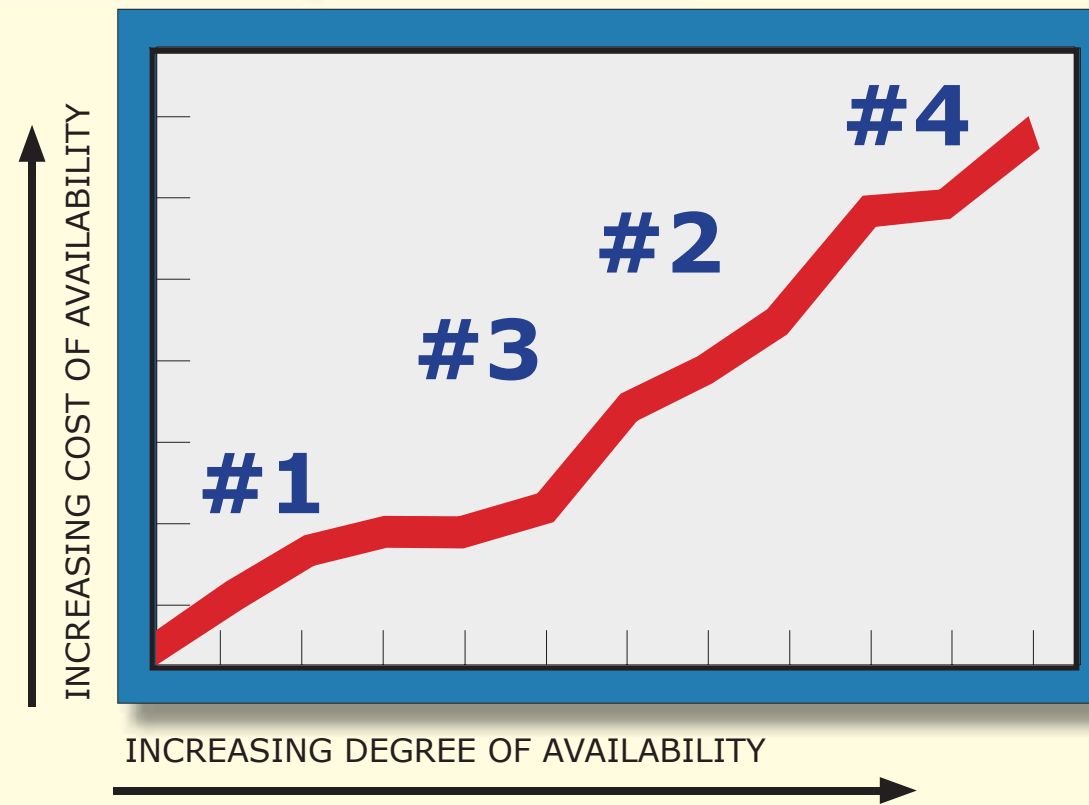
HA Solution #4: Replication With Two Physical Machines at 2 Different Sites



Benefits:

- Real hot-site high availability.
- Alternate machine location with space for your personnel in a disaster situation.
- Allows 7/24 operations.
- Alleviates shrinking back-up window problem.
- Essentially eliminates potential system loss.
- Data available for alternate purposes other than production (including business intelligence, ad hoc queries, and other onerous tasks that should not be on a production machine.)

Cost Comparison:



If you think the chart above is incorrect, we would love to discuss it with you. When you need to decide on the right balance between the degree of High Availability required by your business, and the costs associated with it, call on us. We would be happy to explain exactly how the *noMax product from Maximum Availability for HA can provide the High Availability solution that's right for you.



A heritage in Sales, Service and Support



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GROUP



MID-RANGE HAS IT!
HA, HA, HA ...



High Availability (HA) or, more appropriately in most cases, *Higher Availability* is no laughing matter. It's on the front burner these days. Customer demands, service level agreements, OSC regulations, Sarbanes-Oxley, power outages, hurricanes, tropical storms, floods and viruses tend to keep it there.



The pages that follow depict four scenarios for increasing your system(s) availability. We know there are more than four HA scenarios. Chances are we at Mid-Range have installed and maintained all of them. If you would like to know the pros and cons associated with other High Availability or disaster recovery options, we will lay them out for you.

Solid foundations with smart solutions

We recommend the *noMax product from Maximum Availability for HA. It works well and it's reasonably priced. If you happen to have another HA vendor's product installed in your shop, that's fine too. You may want to have us check to see that it is functioning properly. You'd be surprised how many aren't! If it is working properly, you may want to consider hosting it at Mid-Range. You may also want to look at the pricing and functionality of your current HA vendor's product compared to *noMax.



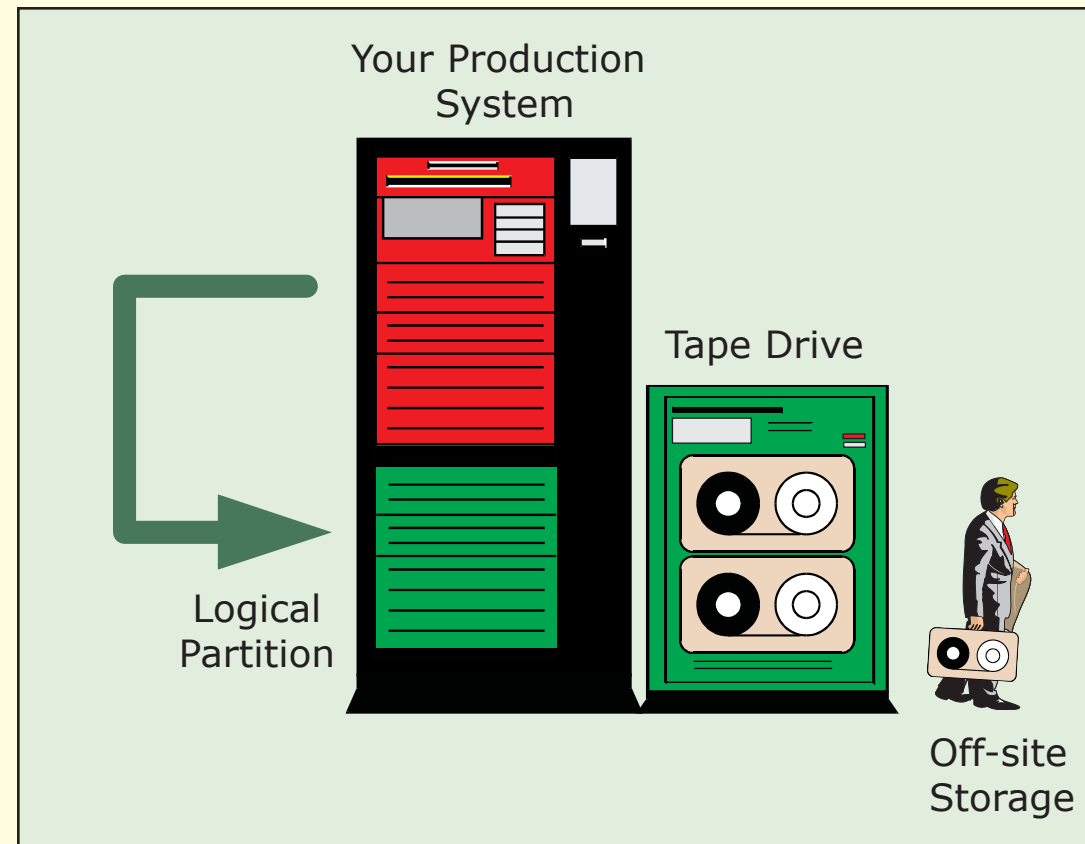
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We can probably replace their products with something more technologically advanced, easier to maintain and cheaper (*noMax) for less than their upgrade or maintenance demands. We can also host it at one of our two (2) disaster recovery hot-sites in the GTA. That way it will be available **and** safe.



High Availability or Higher Availability – Mid-Range has IT

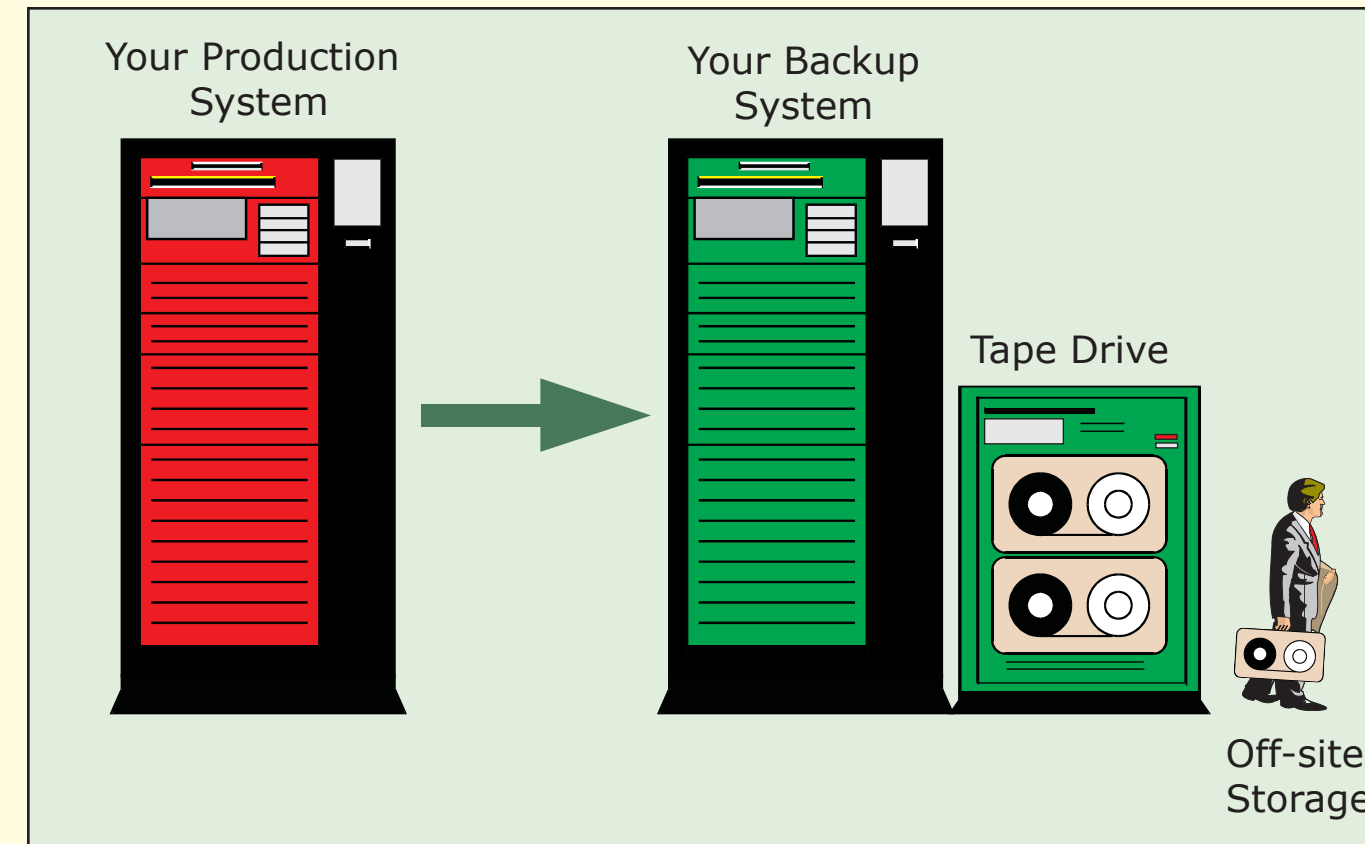
HA Solution #1: Replication From One Partition to Another Within the Same Physical Machine



Benefits:

- Allows 7/24 operations.
- Alleviates shrinking back-up window problem.
- Limits potential data loss.
- Data available for alternate purposes other than production (including business intelligence, ad hoc queries, and other onerous tasks that should not be on a production machine.)

HA Solution #2: Replication With Two Physical Machines at Your Location



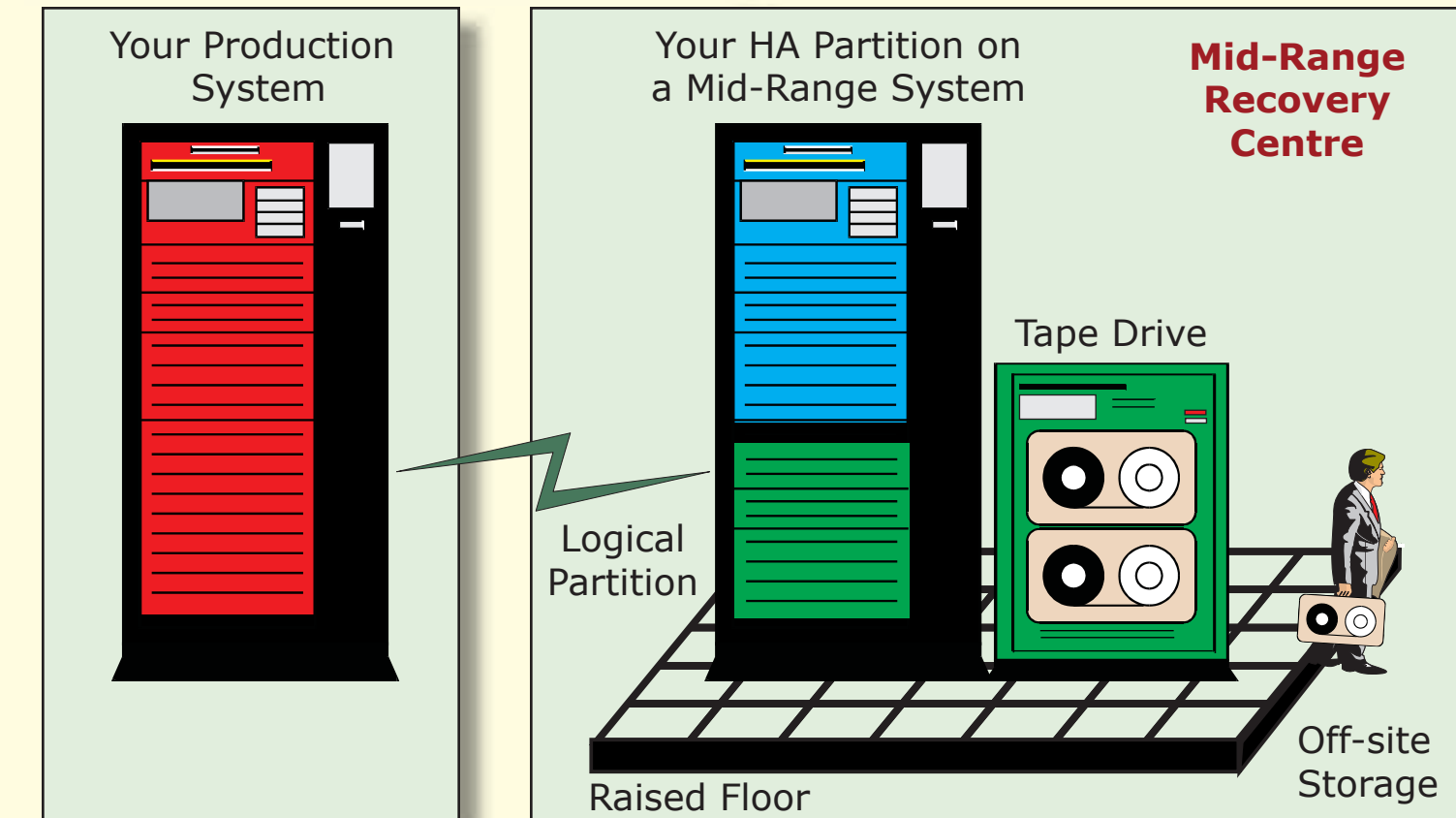
Benefits:

- Allows 7/24 operations.
- Alleviates shrinking back-up window problem.
- Limits potential data loss.
- Limits potential system loss.
- Data available for alternate purposes other than production (including business intelligence, ad hoc queries, and other onerous tasks that should not be on a production machine.)

Note:

Although Solution #2 is a good High Availability option, having both systems at one site creates a single point of failure in a disaster situation.

HA Solution #3: Replication From Your Production Machine to a Partition on a Machine at One of Mid-Range's 2 Hot-Sites



Benefits:

- Real hot-site high availability.
- Alternate machine location with space for your personnel in a disaster situation.
- Allows 7/24 operations.
- Alleviates shrinking back-up window problem.
- Essentially eliminates potential system loss.
- Data available for alternate purposes other than production (including business intelligence, ad hoc queries, and other onerous tasks that should not be on a production machine.)
- Lower costs, because you are using only a portion of a machine.