cited

DRaaS Basic

AcuGIS Suite Basic DRaaS

Cited, Inc.

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DRaaS Basic

Our DRaaS Basic high availability and failover service is configured with two physical servers. One server is the primary node and the other the secondary node.

The two servers replicate changes to each other so that the data is identical on both servers, ensuring that end user experience is identical whichever regardless of which server is the active server.

Our replication agents then use various factors to determine which server should be the active server and direct traffic towards that server.

Data replication can be performed in a number of different ways depending on the amount and type of data being updated.

If only the primarily PostgreSQL database changes, then replication only at the database level would most often be sufficient. If images or other flat files are changed on a daily basis, these are also replicated on the server.
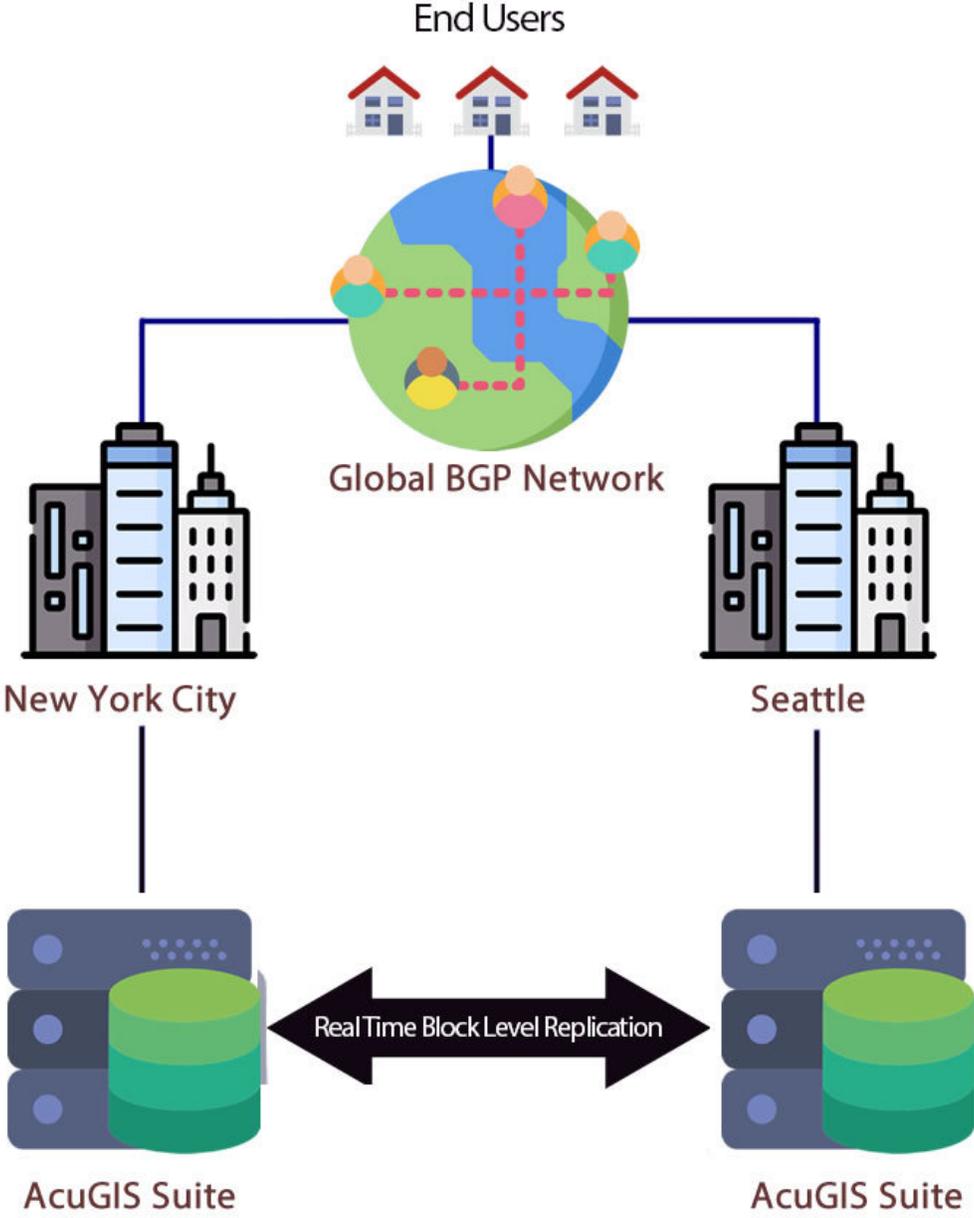
Block-level replication of the file system ensures that everything is kept current across the entire file system and also removes the need for any updates to be made to both servers.

In the event of a failure on the primary server, our replication agents will automatically switch the secondary server to be the active host and our BGP network will start directing traffic to the new active server within a few seconds and without any manual or DNS changes required.
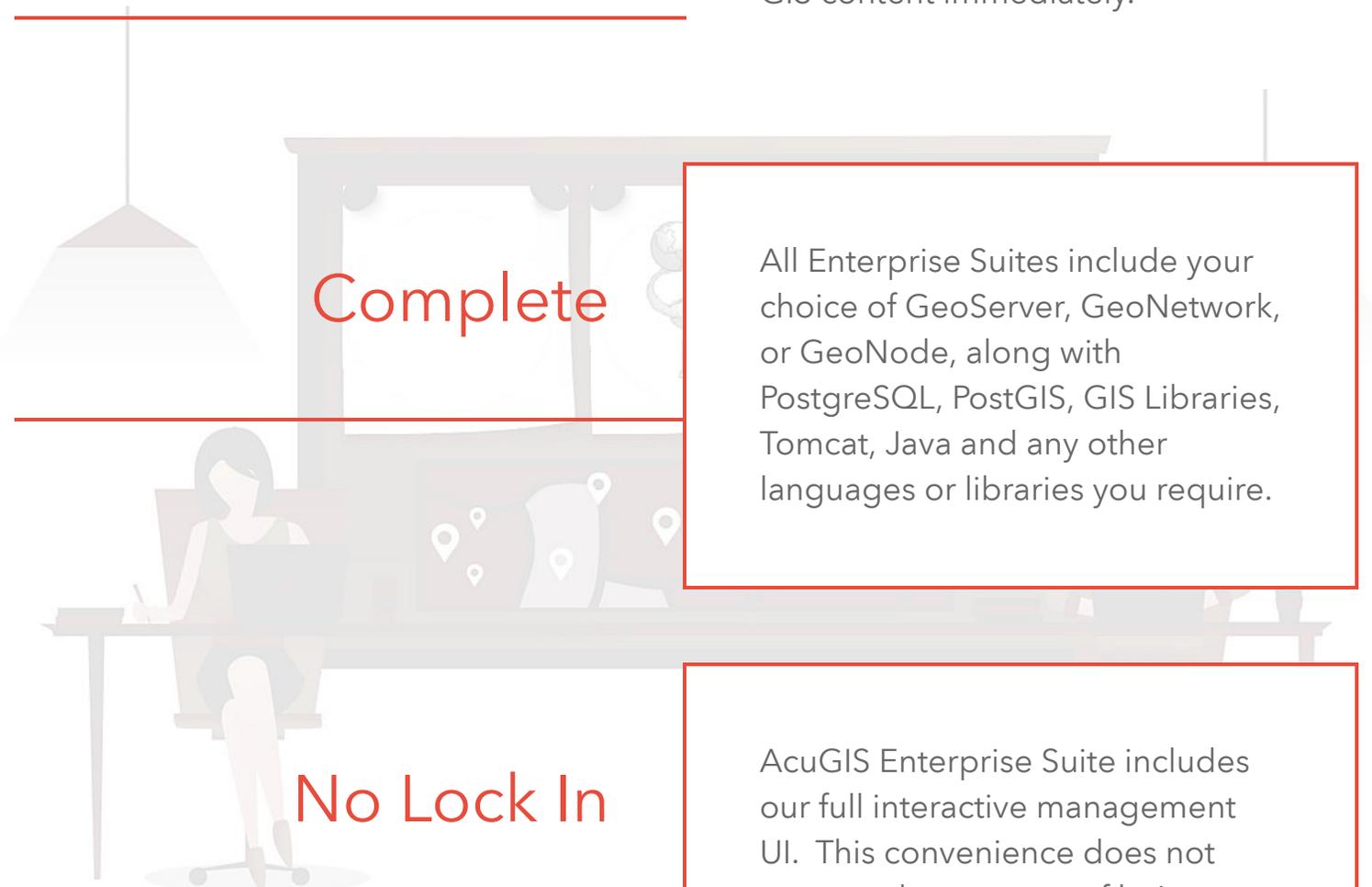
No IP changes or DNS updates are required, providing seamless transition between multiple data centers.

Basic High Availability

Below is a simplified schematic of our Basic High Availability configuration as described above.

Ready to Go

AcuGIS Enterprise Suite is provisioned and ready to go. You can start building and serving your GIS content immediately.

Complete

All Enterprise Suites include your choice of GeoServer, GeoNetwork, or GeoNode, along with PostgreSQL, PostGIS, GIS Libraries, Tomcat, Java and any other languages or libraries you require.

No Lock In

AcuGIS Enterprise Suite includes our full interactive management UI. This convenience does not come at the expense of being locked in. You can remove our UI at anytime with zero impact on your applications.

Serving individuals and institutions

AcuGIS Enterprise Suite

Main GIS Software

- GeoServer
- GeoServer + GeoNetwork
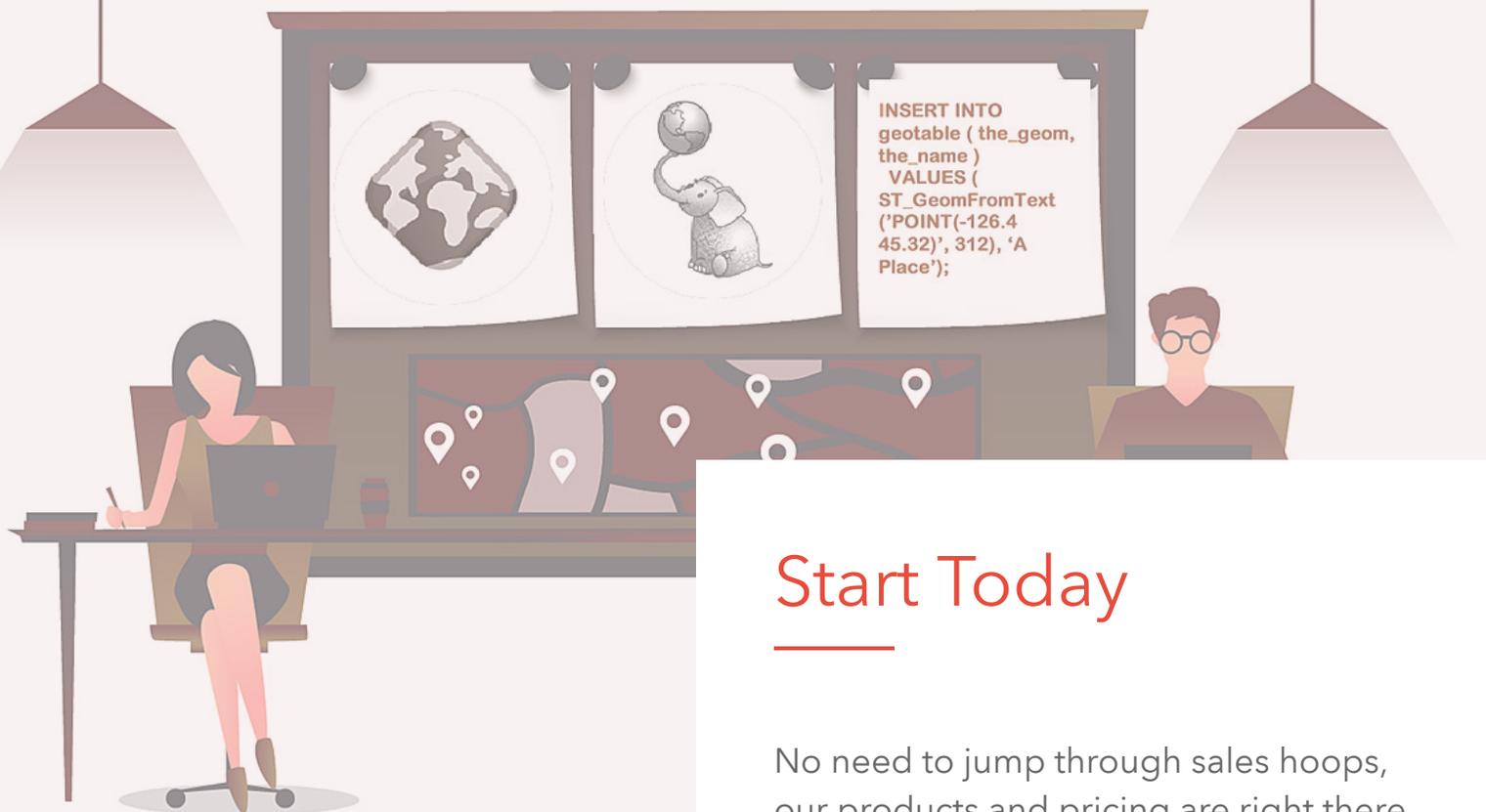- GeoNode

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Additional Software

- PostgreSQL
- PostGIS
- PgRouting
- PROJ, GEOS, GDAL, PDAL
- shp2pgsql, raster2pgsql
- MySQL (option)
- Languages: PHP, Java, Perl, Python, and NodeJS

Enterprise Components

- Higher Resource Specifications
- Managed Firewall
- Phone Support
- AcuGIS Canvas
- AcuGIS Scout
- AcuGIS Satellite
- VPN (Paid Option)
- Cross-Data Center Failover (Paid Option)

AcuGIS Enterprise control panel included with all packages.

The code in the image (part of the illustration):

```
INSERT INTO
geotable ( the_geom,
the_name )
  VALUES (
ST_GeomFromText
('POINT(-126.4
45.32)', 312), 'A
Place');
```

Start Today

No need to jump through sales hoops, our products and pricing are right there on our site. Just sign up and start building, deploying, and managing your GIS solutions.

Visit AcuGIS Suite

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