



## ESP Solutions Group

September 18, 2018

### ES3 Opportunity Cost/Savings

By using ESP's *EDFacts* Shared State Solution (ES3 - <http://www.es3facts.info/>), time will be freed up across all education agency resources that currently work on the *EDFacts* reporting effort. This includes not only the *EDFacts* Coordinator (EC), but also the program offices that provide source data and validate the submissions.

During the first cycle, the education agency and ESP will compare submissions and validate all processes. The time demand for meeting the *EDFacts* reporting requirements and the investment for ES3 will go down significantly after the initial reporting cycle.

ESP's estimate is that once ES3 is in full production, after one to one-and-one-half reporting cycles, ES3 will reduce at least one-half FTE (full time equivalent) for the EC (estimated at over 1,200 hours). In addition to the one-half FTE time savings for the EC, there will be significant opportunity cost savings from ES3 represented in new time efficiencies achieved by program offices, IT, and the EC in keeping current with changes, updating processes, modifying ETL, updating staging databases, updating submission file formats, and maintaining a longitudinal submission file database. The costs and time required for completing the *EDFacts* reporting tasks will be substantially reduced for the education agency via ES3's opportunity cost savings – estimated at one full FTE across all applicable resources. By that measure, after year 2, ES3 is already paying for itself.

### ES3's Value Add

- Provides the Consolidated State Performance Report (CSPR) Report in advance of *EDFacts*.
- Manages process with an intuitive UI.
- Tests and provides feedback on validation rules on source data.
- Tests and provides feedback on business rules across reporting periods on *EDFacts* submission files.
- Creates and maintains the ETL from education agency managed data sources to ES3 (staging for either unit or aggregate records).
- Handles all *EDFacts* changes from year to year.
- Annual support and maintenance provides continuous updates for NCES changes. In years with substantial changes, this saves significant time (e.g., accommodation of ESSA requirements).
- Provides the education agency with an automated, standard process for managing all *EDFacts* submissions.
- Provides an historical (multi-year) data store across programs.
- Manages all staging environment changes to lower overhead.

### Contact:

Joshua Goodman

512-879-5354

[jgoodman@espsg.com](mailto:jgoodman@espsg.com)