

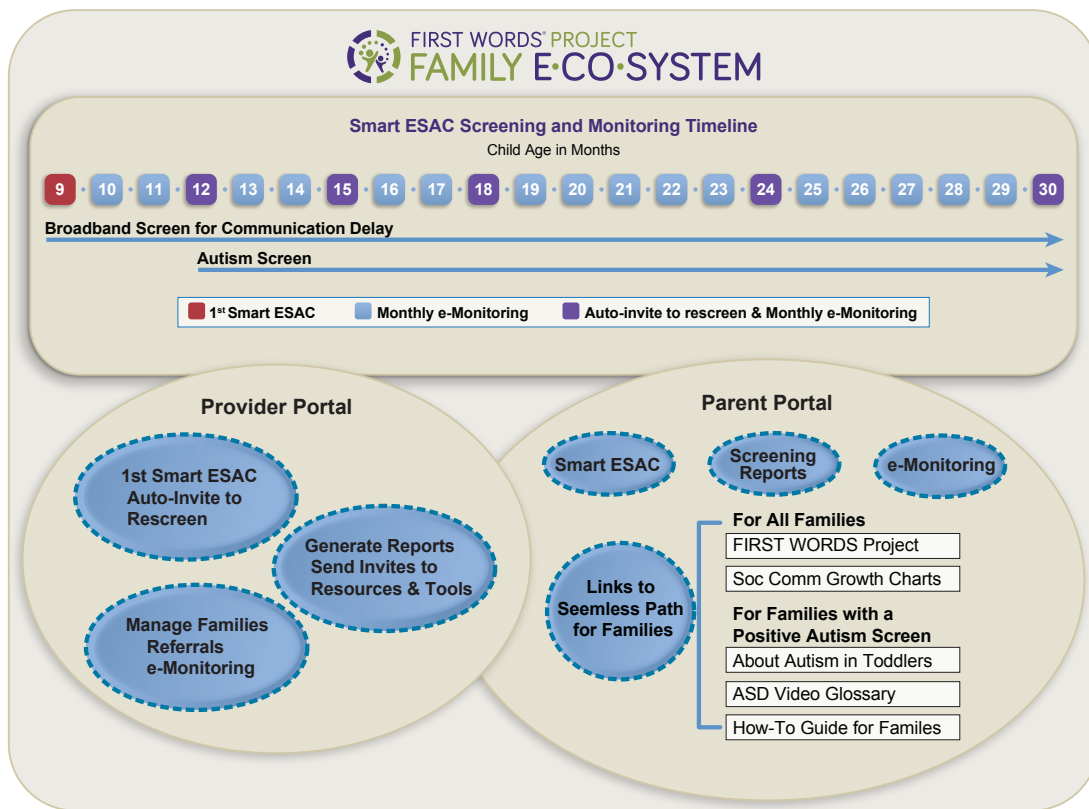
# Snapshot of the Smart ESAC and FIRST WORDS Project Family E•Co•System



The Smart ESAC, which stands for Early Screening for Autism and Communication Disorders, was developed by the FIRST WORDS Project at Florida State University to address limitations of existing screeners and challenges integrating autism screening into the workflow of busy primary care practices. Families are first invited for universal screening with the Smart ESAC beginning at 9 months of age and to join a parent portal. This portal posts the screening report and sends invitations to the tiered system of supports for families based on the child's screening outcome. Families are invited to be re-screened every 3 to 6 months until 30 months of age. The Smart ESAC takes the parent about 15-20 minutes to complete all 3 sections—the intro video with research permission, Smart ESAC, and Family and Child Information the first time and about 10 minutes to re-screen.

The Smart ESAC is part of the FIRST WORDS Project electronic communication system, or Family E-Co-System, that helps you gather and share information efficiently with families to engage them in the screening and referral process.

## FIRST WORDS® Project Family E•Co•System—the Smart ESAC, Provider Portal, and Parent Portal



### Unique features of the Smart ESAC

- online universal screen for children 9-30 months for primary care settings based on parent report
- utilizes smart technology to offer a brief broadband screen for communication delay with 10 questions (ESAC-10), which then is seamlessly followed by 20 more questions, depending on the parent's response, to screen for autism (ESAC-30)
- includes a brief introductory video explaining the importance of early detection and features of the Smart ESAC to save staff time
- provides automated scoring so the provider has the screening results immediately and can generate a screening report to share with parents and save in the electronic health record

### Unique features of the Family E•Co•System

- offers a provider and parent portal, as well as e-monitoring and auto-remind features
- if a child has a negative autism screen, an automated invitation is sent to the parents to re-screen with the Smart ESAC through the parent portal at the next target age between 12 and 30 months
- at well-child visits the provider can share the results with the parent
- parents of children with positive and negative screens are invited to access the seamless path of online family resources, and answer monthly e-monitoring questions tailored to the screening results
- parents can invite other service providers to view the portal to support team collaboration and communication

